Customer Care Solutions
TME-3 Series Transceivers

Service Software Instructions

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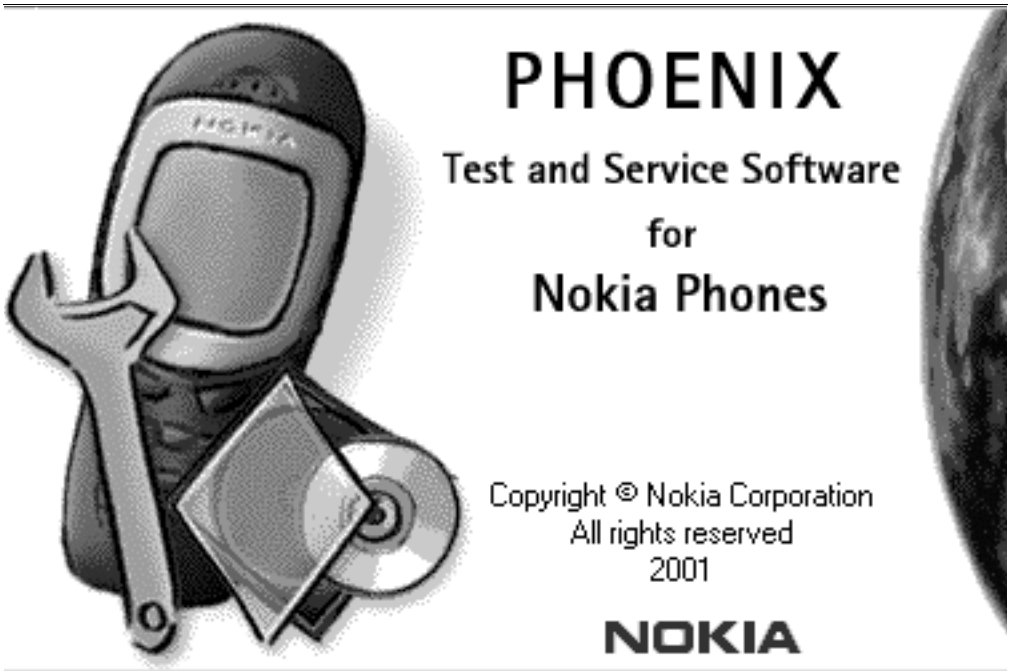
Service Software Instructions for TME-3

Phoenix is the Nokia Test and Service Software for mobile phones.

Figure 1: Phoenix



Before Installation

- Install the Phoenix Service SW A
- Install the TME-3 Phoenix Service SW
- Install the Data Package for Phoenix (product specific data and flash update package)
- Manage connection settings (depends on the tools you are using)
- Update FPS-8 SW (if you use FPS-8).
- Activate FPS-8
- Update JBV-1 Docking Station SW (only when needed

The flash update files are delivered with then Phoenix Data Package so unless you want to use certain version of this package, separate installation package is not needed any-more. If you want to use it, it should be installed after connection management, before FPS-8 update.

Refer to Service Manual and Technical Bulletins for more information concerning phone model specific tools and equipment setup.

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Dongle driver installation and version check

If there is no previously installed Dongle driver, installation will take place....

Figure 2: Dongle driver installation window

If the Dongle driver is installed and it is older than the latest supported version, the latest version will be installed when you choose “Yes”. The latest version is always included in the latest Phoenix installation package.

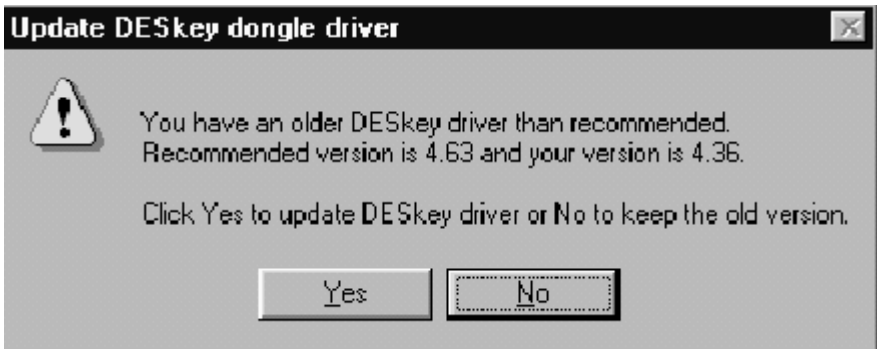
Update DESkey dongle driver
You have an older DESkey driver than recommended.
Recommended version is 4.63 and your version is 4.36.
Click Yes to update DESkey driver or No to keep the old version.
Yes
No

Figure 3: Dongle driver update window

PC needs to be rebooted before installation can continue. Click “Yes” to reboot the PC

Setup is restarted automatically after reboot..

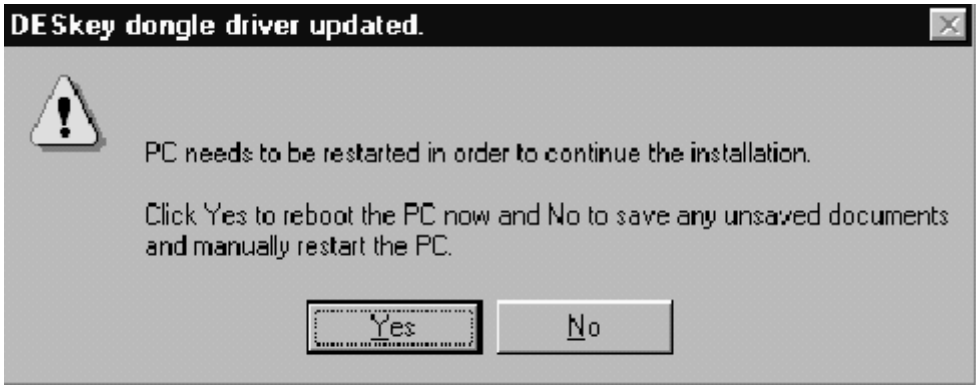
DESkey dongle driver updated.
PC needs to be restarted in order to continue the installation.
Click Yes to reboot the PC now and No to save any unsaved documents and manually restart the PC.
Yes
No

Figure 4: Dongle driver update completed window

If at any point during installation you get this message, the Dongle is not found and

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installation can't continue..

Dongle not found
Insert Nokia dongle and click Retry to re-detect the dongle or click Cancel to exit the installation.
Retry
Cancel

Figure 5: Error message at pre-installation

Possible reasons may be defective or too old PKD-1Dongle (five digit serial number Dongle when used whit FPS-8 Prommer) or that the FLS-4S POS Flash Dongle is defective or power to it is not supplied by external charger.

Check the COM/parallel ports used first! After correcting the problem Installation can be restarted

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First time installation of Phoenix

After Dongle driver installation / update (if needed) installation continues from this step.

If the Phoenix Service Software A is already installed proceed to p.11

Click “Next” in Welcome dialog to continue.

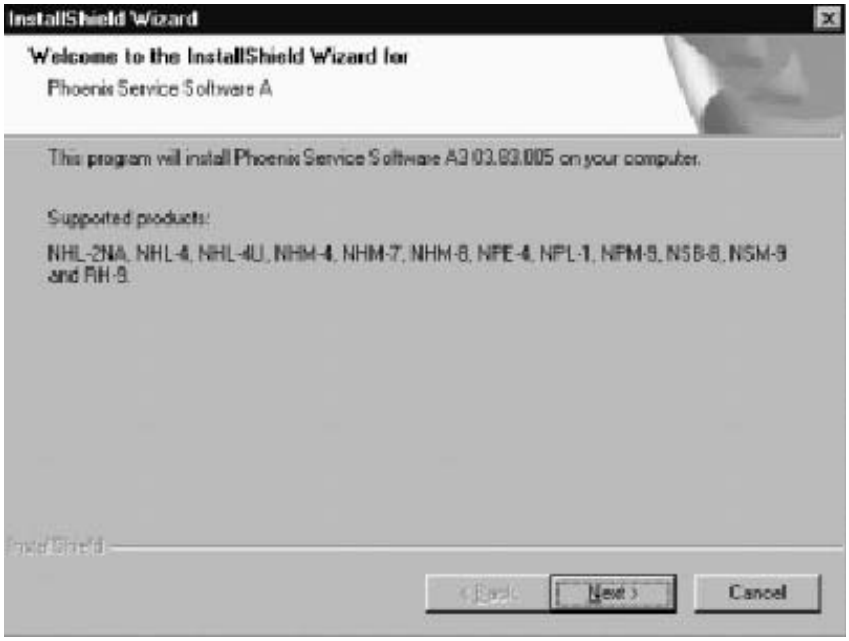
InstallShield Wizard
Welcome to the InstallShield Wizard for
Phoenix Service Software A
This program will install Phoenix Service Software A2.03.03.005 on your computer.
Supported products:
NHL-2NA, NHL-4, NHL-4U, NHM-4, NHM-7, NHM-8, NPE-4, NPL-1, NPM-8, NSB-8, NSM-8 and RH-8.
< Back
Next >
Cancel

Figure 6: Welcome dialog

Choose the destination folder, it is recommended to use the default folder C:\Program Files\Nokia\Phoenix.

Choose “Next” to continue. You may choose another location by selecting “Browse” (not

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recommended)

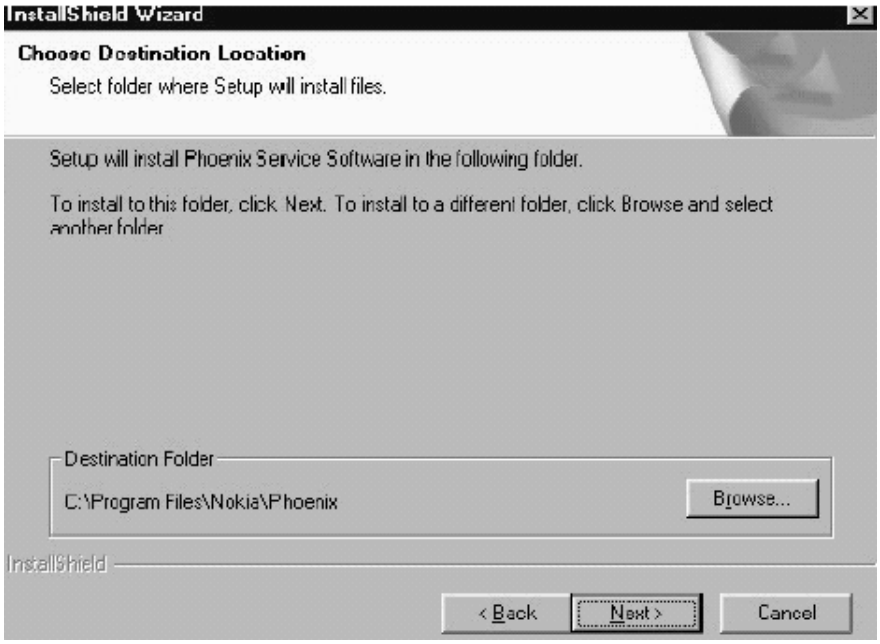
InstallShield Wizard
Choose Destination Location
Select folder where Setup will install files.
Setup will install Phoenix Service Software in the following folder.
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
Destination Folder
C:\Program Files\Nokia\Phoenix
Browse...
InstallShield
< Back
Next >
Cancel

Figure 7: File location window

Setup copies the components, please wait.

Progress of the setup is shown. Please wait...

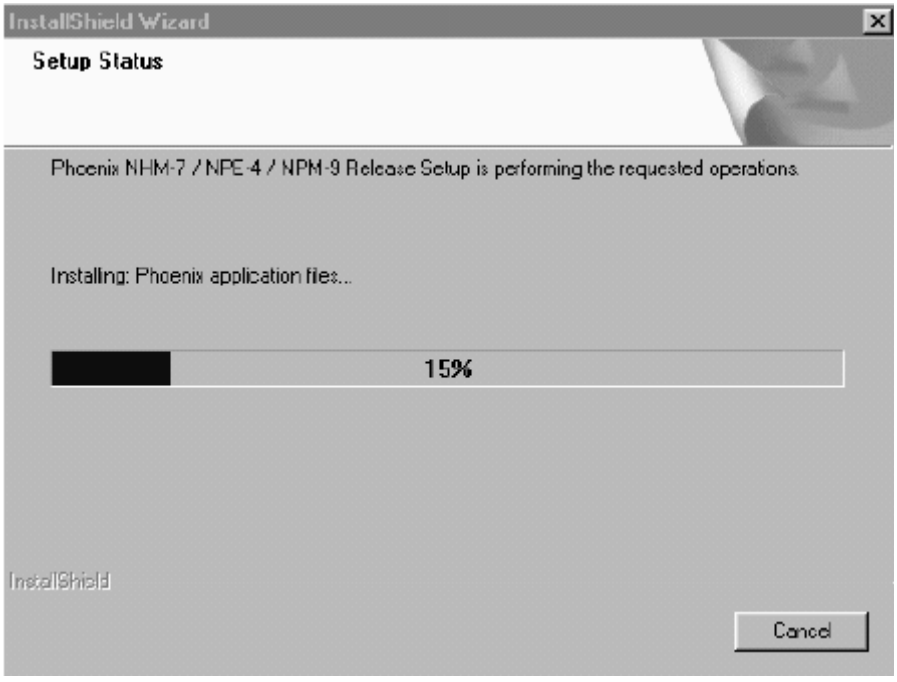

Figure 8: Setup status window

If restarting of your computer is needed the Install Shield Wizard will tell you about it.

Select “Yes...” to reboot the PC immediately and “No...” to reboot the PC manually.

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Note that Phoenix doesn't work, if components are not registered. Click "Finish" to continue. .

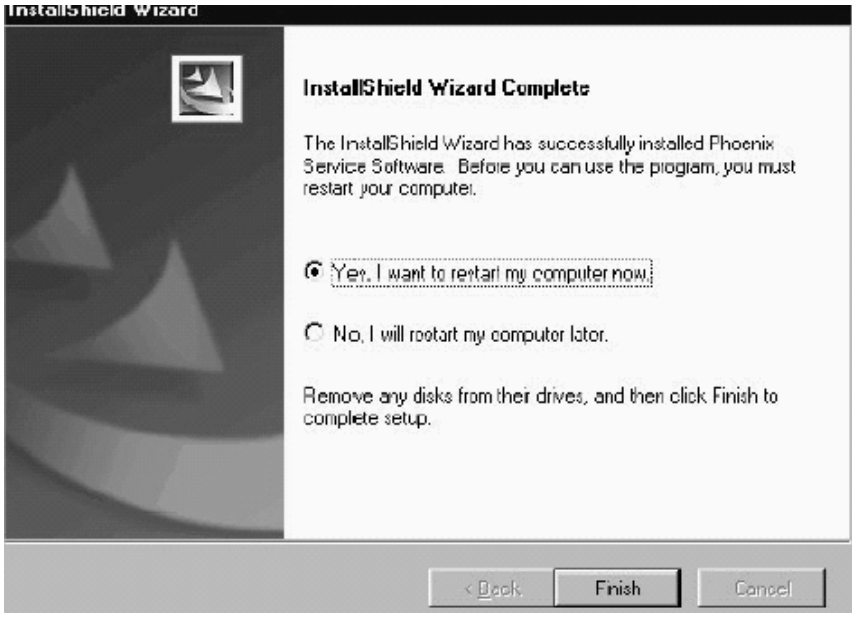
InstallShield Wizard
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed Phoenix Service Software. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

Figure 9: Installation complete -window

After the reboot components are registered and Phoenix is ready for use.

If reboot is not needed components are registered after copying them.

Figure 10: Registering window

Phoenix is now ready for use.

Now the installation of Phoenix Service SW is ready and it can be used for TME-3 after:

- Installing TME-3 specific Phoenix Service SW as follow the instructions "First Time Installation Of Phoenix"
- Installing Phone model specific Phone Data Package for Phoenix
- Configuring the connections
- Updating the Flash Update Package files used with FPS-8* tool

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TME-3 Service Software Installation procedure

- Check that a Dongle is attached to the parallel port of your computer.
- Download the latest installation package (e.g. ***phoenix_service_sw_a3_03_83_005.exe***) to your computer (e.g.:\TEMP)
- Close all other programs
- Install Phoenix by executing the Phoenix installation package and follow the instructions on the screen.
- Download the latest release (e.g. ***TME-3_03_83_010.exe).*** Please contact your regional After Market Service point for information on where to download the latest release.
- Run the application file (e.g. ***TME-3_03_83_010.exe***) and follow instructions on the screen
- Administrator rights may be required to be able to install Phoenix depending on the Operating System
- If the dongle driver is installed or updated, you need to reboot your PC before the installation can continue.
- If uninstalling or rebooting is needed at any point, you will be prompted by the install Shield program.

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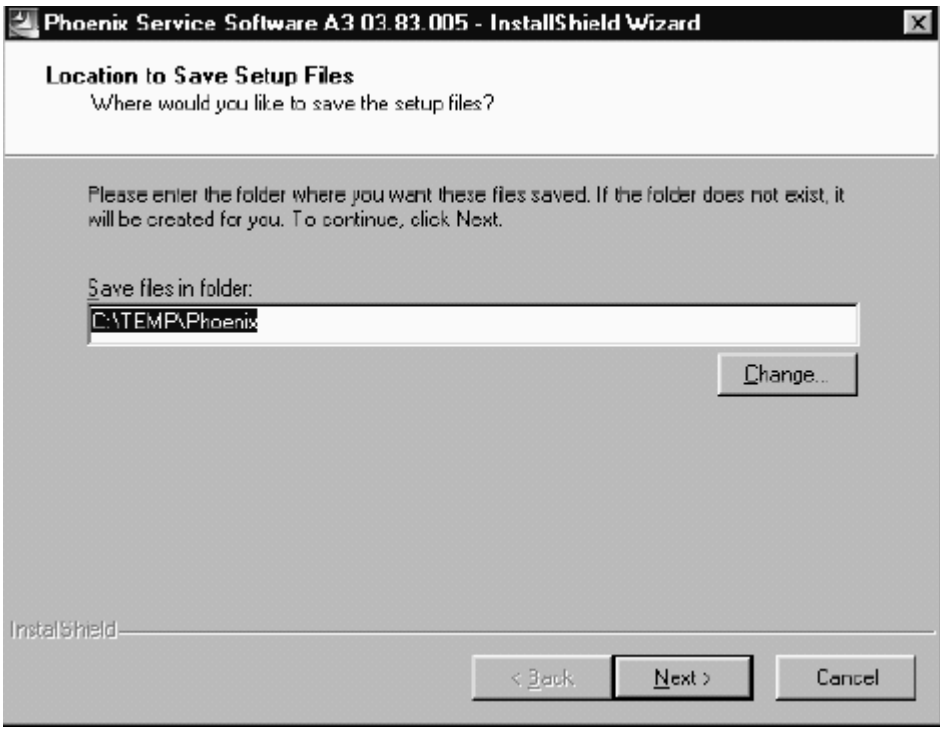
Startup

Run the **phoenix_service_sw_a3_03_83_005.exe** to start installation.

When you choose “Next” the files needed for installation will be extracted.

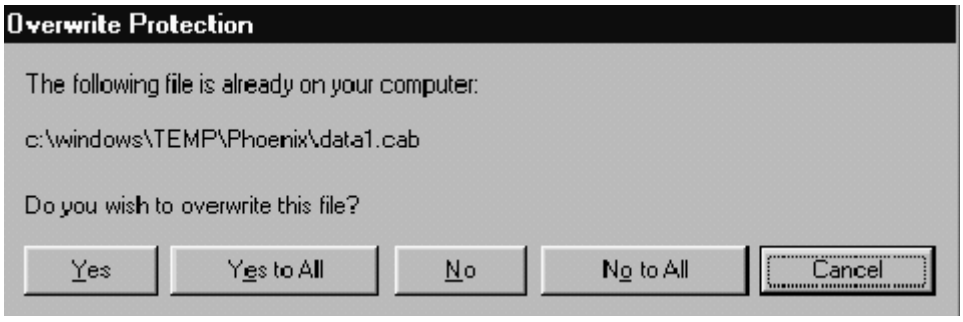
Kindly wait.

Figure 11:


Phoenix Service Software A3.03.83.005 - InstallShield Wizard
Location to Save Setup Files
Where would you like to save the setup files?
Please enter the folder where you want these files saved. If the folder does not exist, it will be created for you. To continue, click Next.
Save files in folder:
C:\TEMP\Phoenix
Change...
InstallShield
< Back
Next >
Cancel

If the setup files are already extracted (left in the file system from previous installation) following dialog appears. Always click “Yes to All” to overwrite the existing setup files

Figure 12: Overwrite protection



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Update Installation of Phoenix

If you already have the Phoenix Service SW installed on your computer, sooner or later there will be need to update it when new versions are released.

Please note that very often the Phoenix Service SW and the Phone Specific Data Package for Phoenix come in pairs, meaning that certain version of Phoenix can only be used with certain version of Data Package. Always use the latest available versions of both. Instructions can be found in phone model specific Technical Bulletins.

To update the Phoenix you need to take exactly the same steps as when installing it for the first time.

- Download the installation package to your computer hard disk
- Close all other programs
- Run the application file (***phoenix_service_sw_a3_03_83-005.exe***)
- Dongle driver version will be checked and if need be, updated
- After reboot installation starts automatically
- Newer version of Phoenix will be installed

When you update the Phoenix from old to new version (e.g. update from 3.83.005 to 3.83.0055), the update will take place automatically without uninstallation

If you try update the Phoenix with the same version that you already have (e.g. 3.55 to 3.55) you are asked if you want to uninstall the version of Phoenix you have on your PC. Answer “OK” to uninstall Phoenix, “Cancel” if you don’t want to uninstall..

Uninstall Phoenix Service Software A
Do you want to completely remove the Phoenix Service Software A3 03.83.005 application and all of its components?
OK
Cancel

Figure 13: Unistallation window

If you try to install an older version (e.g. downgrade from 3.83.005 to 3.83.000) installation will be interrupted.

Always follow the instructions on the screen.

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How to uninstall Phoenix

Uninstallation can be done manually from Windows Control Panel – Add/Remove Programs.

Choose “Phoenix Service Software” and click “Add/Remove”.

Choose “OK” to uninstall.

Uninstall Phoenix Service Software A
Do you want to completely remove the Phoenix Service Software A3 03.83.005 application and all of its components?
OK
Cancel

Figure 14: Uninstallation window

Progress of the uninstallation is shown.

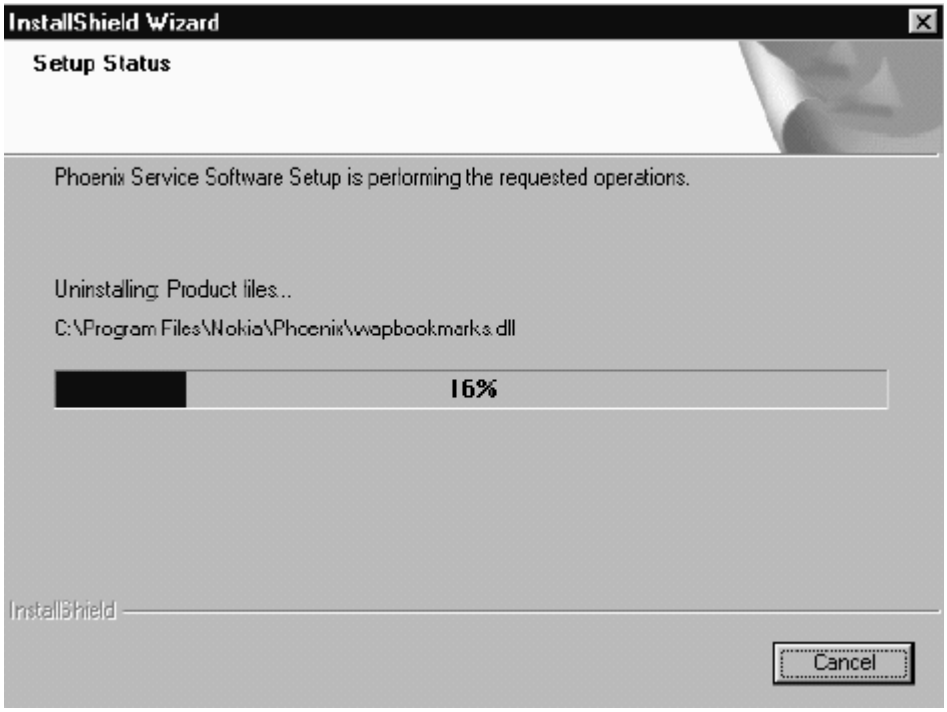

Figure 15: Setup status window

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You may have to reboot the PC after uninstallation.

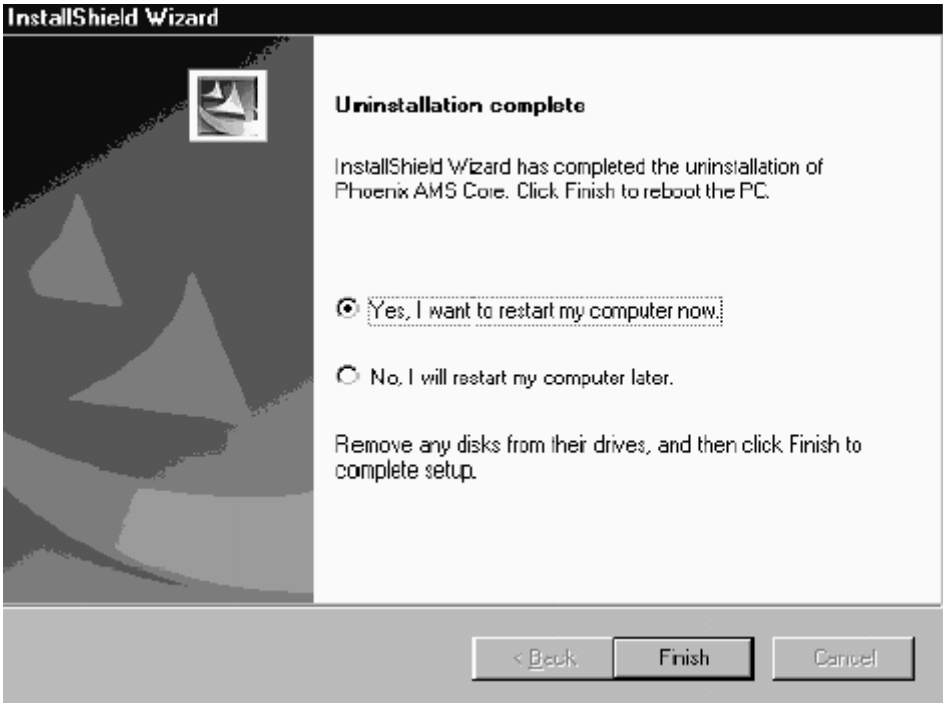
InstallShield Wizard
Uninstallation complete
InstallShield Wizard has completed the uninstallation of Phoenix AMS Core. Click Finish to reboot the PC.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

Figure 16:

If restarting is not needed, the following dialog will appear:

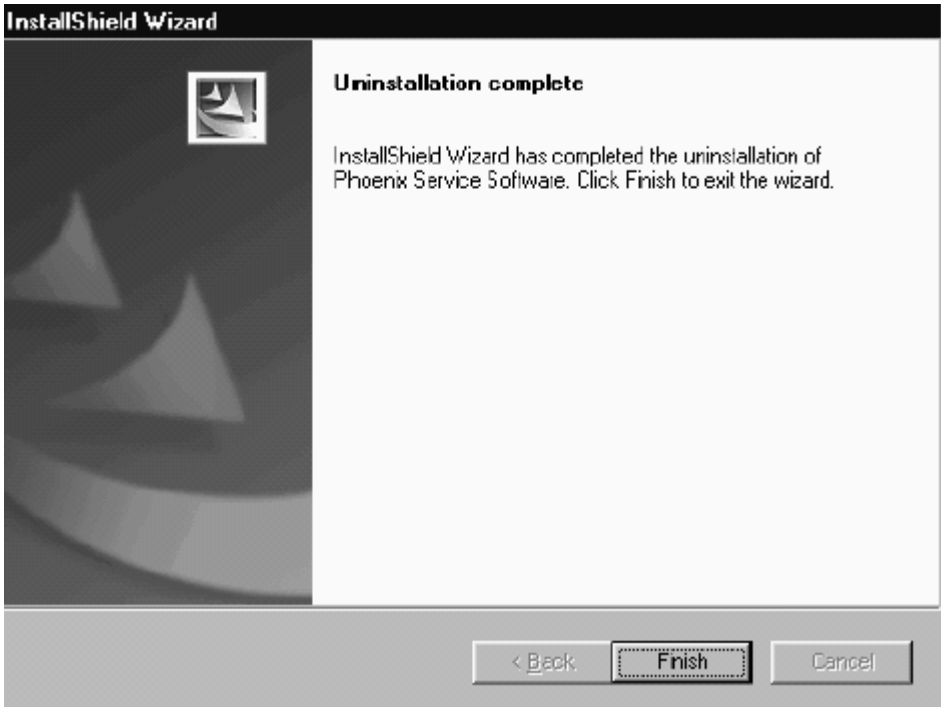
InstallShield Wizard
Uninstallation complete
InstallShield Wizard has completed the uninstallation of Phoenix Service Software. Click Finish to exit the wizard.
< Back
Finish
Cancel

Figure 17:

Note! If you have different product packages installed, components are uninstalled only if they are not included in other product packages.

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Data package for Phoenix (product specific)

Note! the following pages show the NHL-4 Data Package Installation/ uninstallation, the procedure is similar with TME-3.

Before installation

Product Data Package contains all product specific data to make the Phoenix Service Software and tools usable with a certain phone model.

It also includes the latest version of flash update package for FLS-4* and FPS-8*

- Check that the Dongle is attached to the parallel port of your computer.
- Install Phoenix Service SW
- Download the installation package (e.g. ***nhl-4_dp_1.00.exe***) to your computer (e.g. C:\TEMP)
- Close all other programs
- Run the application file (e.g.***nhl-4_dp_1.00.exe***) and follow instructions on the screen

If you already have the Phoenix Service SW installed on your computer, sooner or later there will be need to update it when new versions are released.

Please note that very often the Phoenix Service SW and the Phone Specific Data Package for Phoenix come in pairs, meaning that certain version of Phoenix can only be used with certain version of Data Package. Always use the latest available versions of both. Instructions can be found in phone model specific Technical Bulletins.

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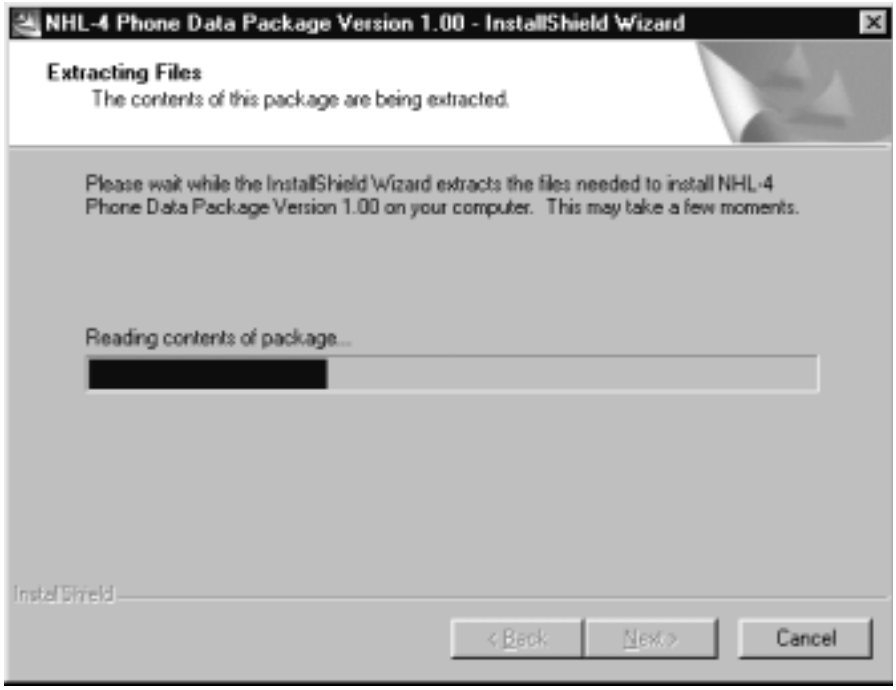
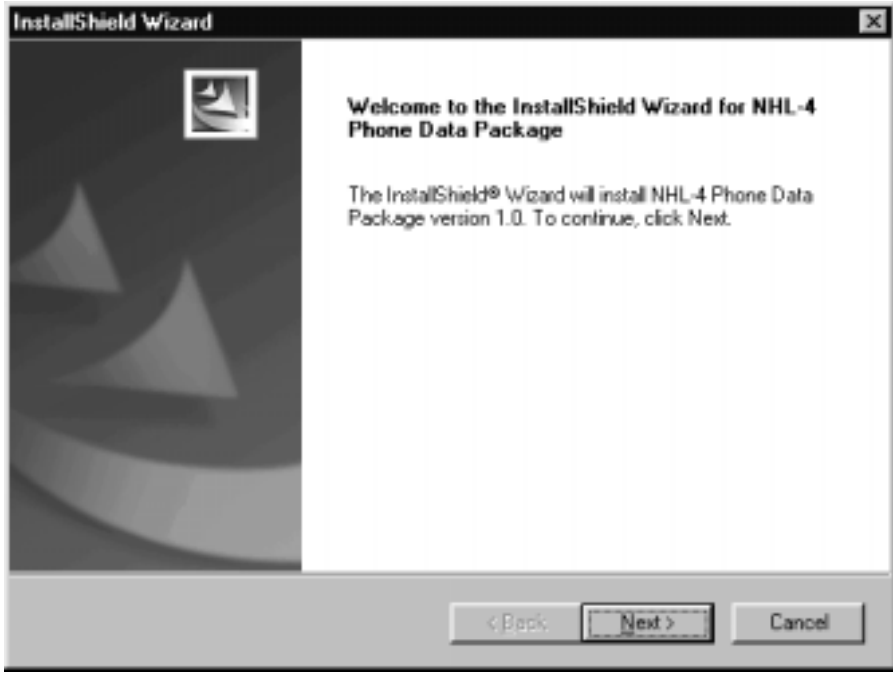
Installation of Phoenix Data Package (Product Specific)

Run the *nhl-4_dp_v_1.00.exe* to start installation.

When you choose “Next” the files needed for installation will be extracted. Please wait...


NHL-4 Phone Data Package Version 1.00 - InstallShield Wizard
Extracting Files
The contents of this package are being extracted.
Please wait while the InstallShield Wizard extracts the files needed to install NHL-4 Phone Data Package Version 1.00 on your computer. This may take a few moments.
Reading contents of package...
InstallShield
< Back
Next >
Cancel

Choose “Next” to continue.


InstallShield Wizard
Welcome to the InstallShield Wizard for NHL-4 Phone Data Package
The InstallShield® Wizard will install NHL-4 Phone Data Package version 1.0. To continue, click Next.
< Back
Next >
Cancel

From this view you can see the contents of the Data Package.

Read the text carefully.

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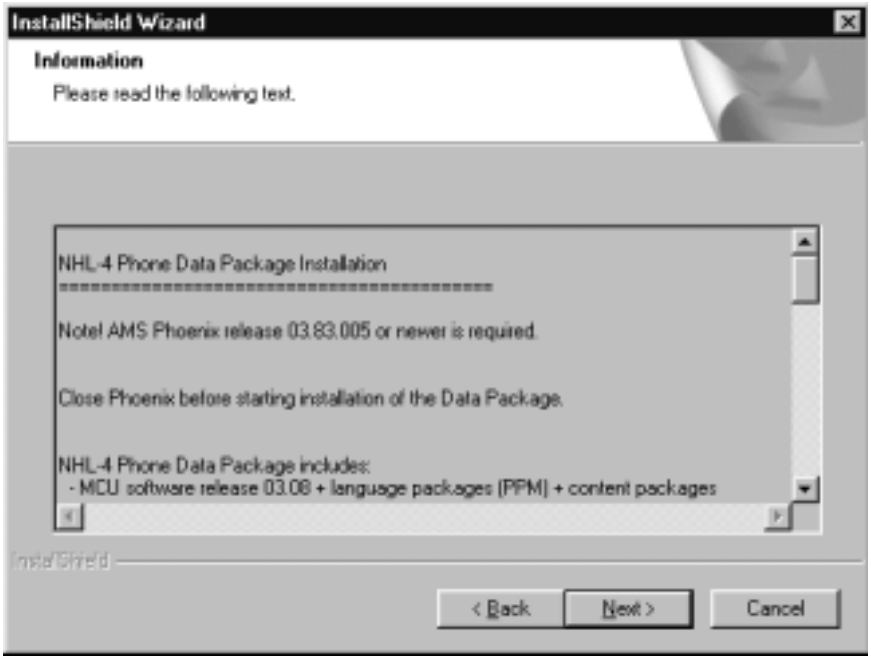
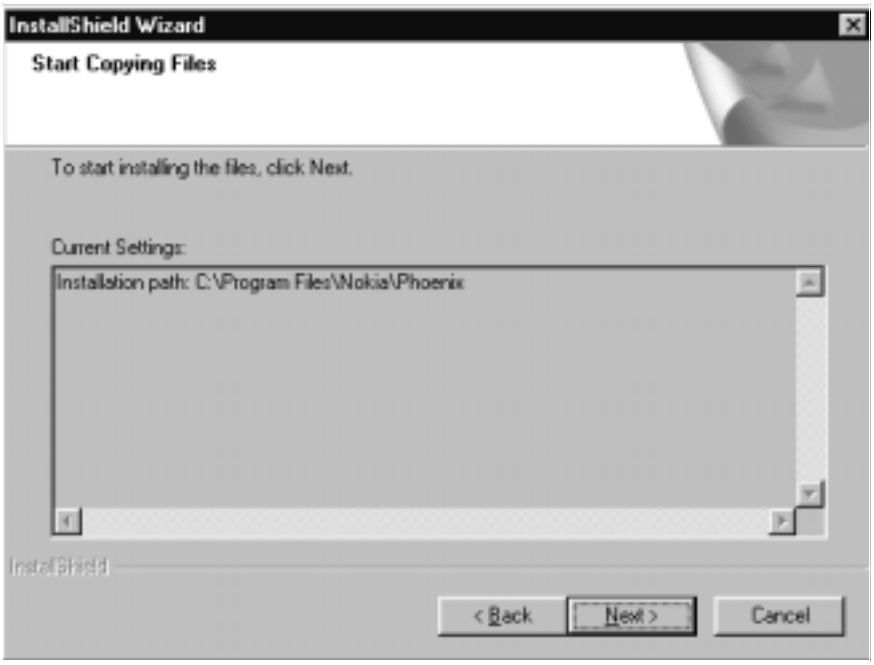
There should be information about the Phoenix version needed with this data package. Choose “Next”.


InstallShield Wizard
Information
Please read the following text.
NHL-4 Phone Data Package Installation
Note! AMS Phoenix release 03.83.005 or newer is required.
Close Phoenix before starting installation of the Data Package.
NHL-4 Phone Data Package includes:
- MCU software release 03.08 + language packages (PPM) + content packages
InstallShield
< Back
Next >
Cancel

Confirm location and choose “Next” to continue.

Install Shield checks where the Phoenix application is installed and the directory is shown. Choose “Next” to continue.



Phone model specific files will be installed... kindly wait.

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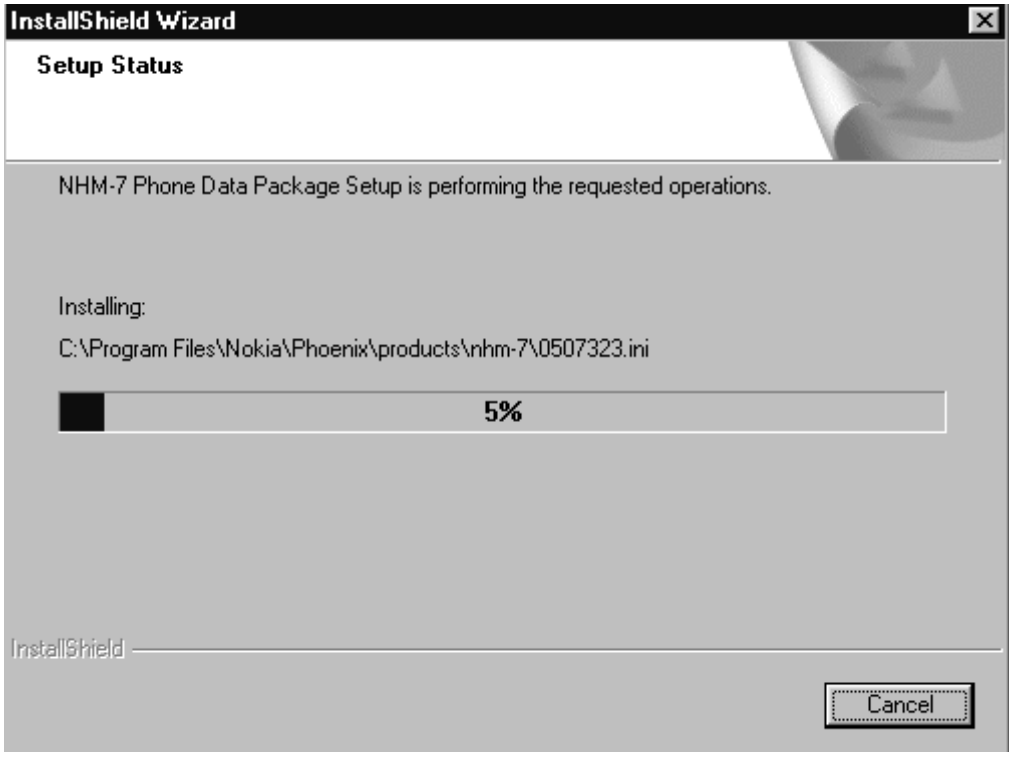
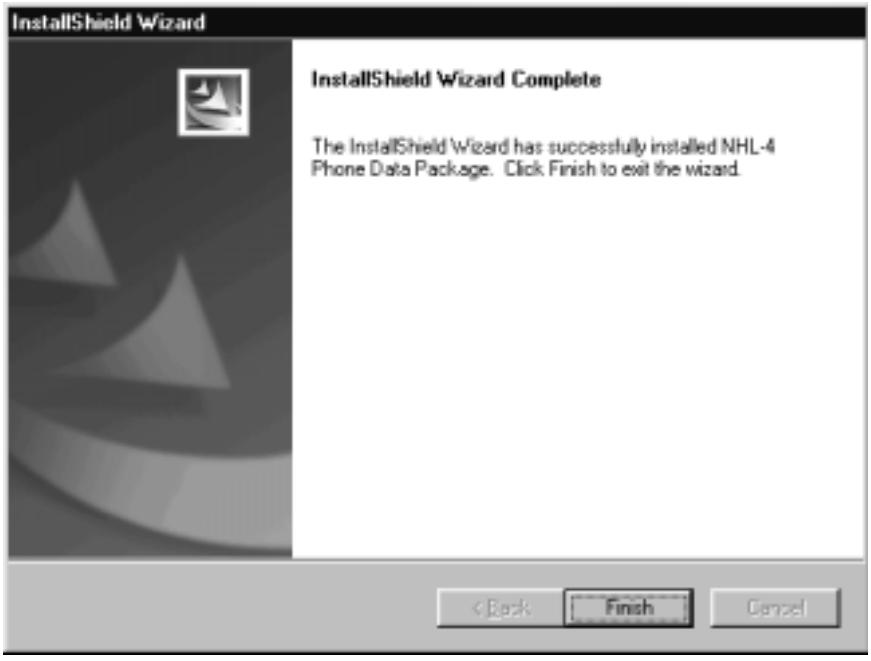


Choose “Finish” to complete installation.


InstallShield Wizard
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed NHL-4 Phone Data Package. Click Finish to exit the wizard.
< Back
Finish
Cancel

You now have all phone model specific files installed in your Phoenix Service SW.

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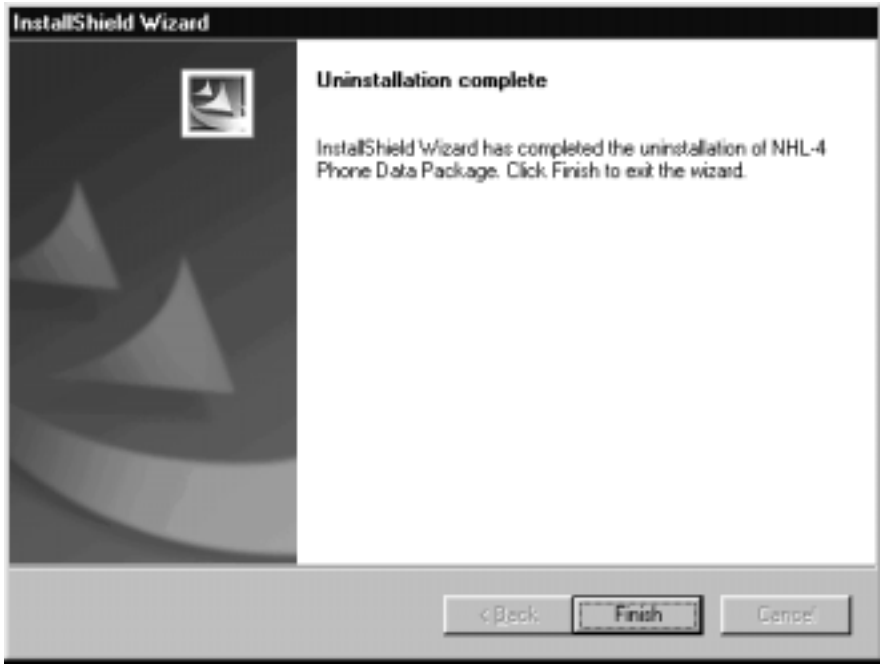
How to Uninstall Data Package

Uninstallation can also be done manually from Windows Control Panel / Add / Remove Programs/ “NHL-4 Phone Data Package”.

If you try to install the same version of Phoenix Data Package that you already have, you are asked if you want to uninstall the version you have on your PC. Answer “OK” to uninstall, “Cancel” if you don’t want to uninstall. Older versions of data packages do not need to be uninstalled.

Uninstall NHL-4 Phone Data Package
Do you want to completely remove the Phone Data Package application and all of its components?
OK
Cancel

Once the previously installed Data package is uninstalled, choose “Finish”.


InstallShield Wizard
Uninstallation complete
InstallShield Wizard has completed the uninstallation of NHL-4 Phone Data Package. Click Finish to exit the wizard.
< Back
Finish
Cancel

Run the *nhl-4_dp_v_1.00.exe* again to continue installation from the beginning.

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How to Manage Connections

Start Phoenix Service SW and Login.

Figure 18: Phoenix icon

Choose “Manage Connections” From “File” – Menu

Figure 19: File menu

Existing connections can be selected, edited, deleted and new ones created by using this dialog.

A connection can be created either manually or by using a Connection Wizard.

To add new connection, choose “Add” and select if you want to create it manually or by using the Wizard.

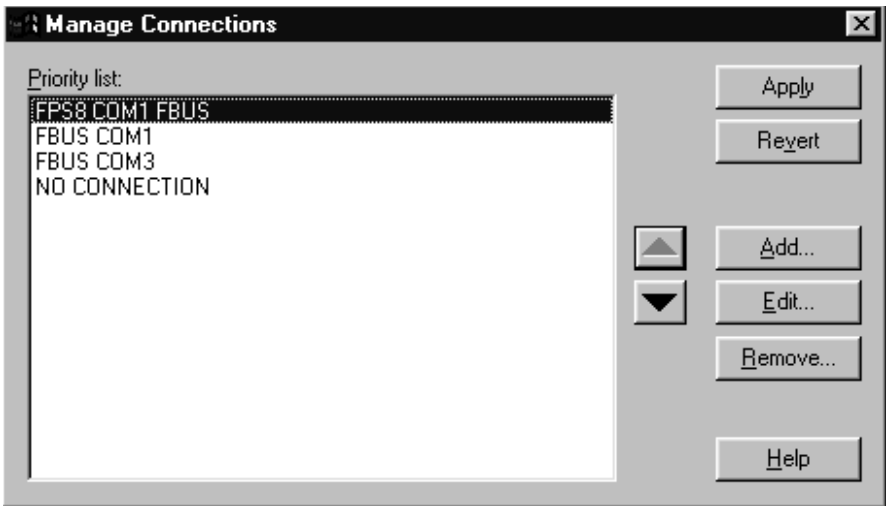

Figure 20: Manage connections window

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Choose “Next” to continue.

In the next dialogs you will be asked to select some settings for the connection

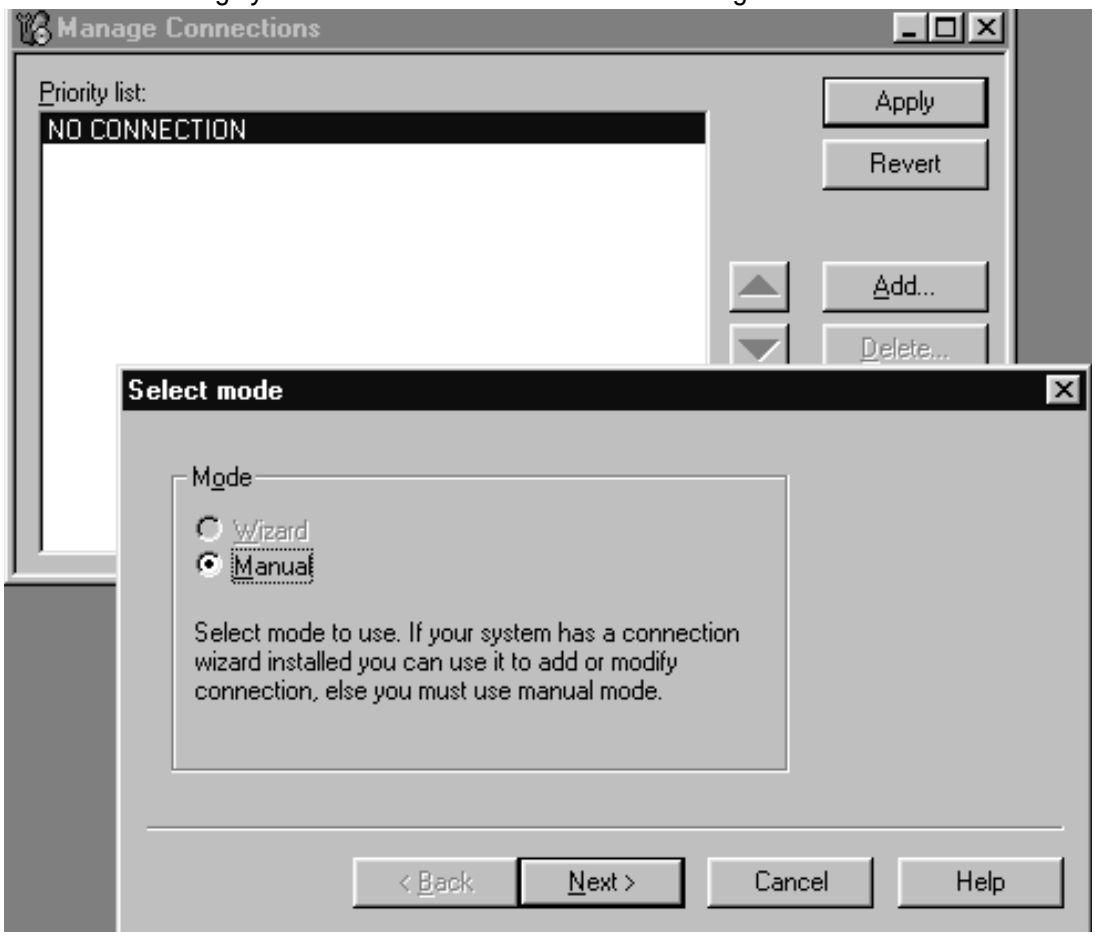

Figure 21: Connection settings window

Manual Settings

A) For FLS-4S POS Flash Device choose following connection settings

Media: FBUS

B) For FPS-8 Flash Prommer choose following connection settings:

Media: FPS-8

Port Num: COM Port where FPS-8 is connected

COMBOX_DEF_MEDIA: FBUS

Choose “Finish” to complete.

If you use the Wizard, connect the tools and a phone to your PC and the wizard will automatically try to configure the correct connection.

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Activate the connection you want to use by clicking it and use up/down arrows to move it on top of the list. Choose “Apply”.

The connection is now selected and can be used after closing the “Manage Connections” window.

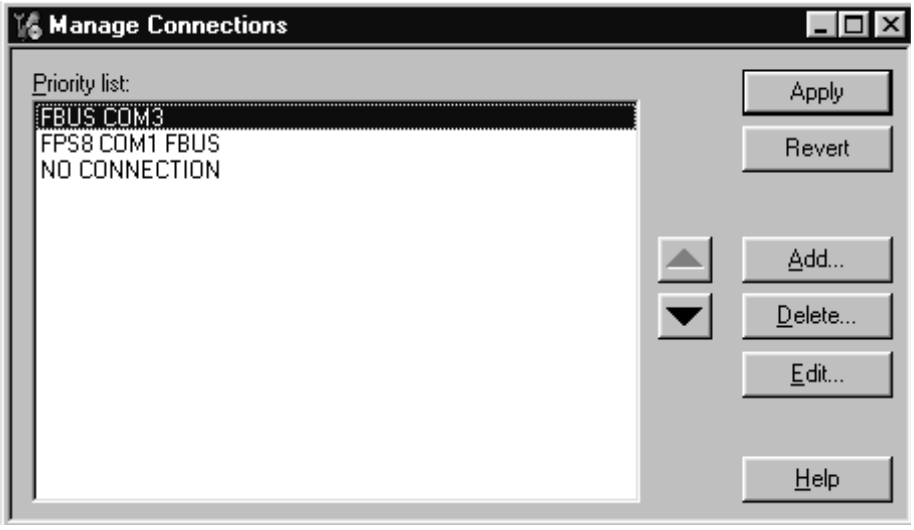

Figure 22: Managing connections window

Selected connection will be shown on the right hand bottom corner of the screen.

Figure 23: Sselected connection window

To use the selected connection, connect the phone to Phoenix with correct service tools, make sure that it is switched on and select “Scan Product”.

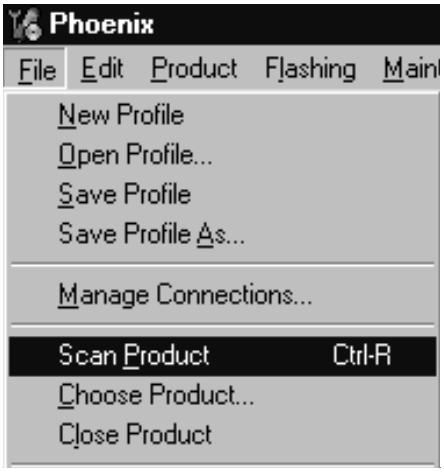

Figure 24: Scan product window

When the Product is found, Phoenix will load product support and when everything is ready, name of the loaded product support module and its version will be shown on the bottom of the screen.

Figure 25: Support module and ID window

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How to Update Flash Support Files for FPS-8* and FLS-4*

Before Installation

- Install Phoenix Service SW and Phoenix data package.
- Install the phone model Specific Datapackage for Phoenix
- The flash support files are delivered in the same installation package with Phoenix data package.
- Normally it is enough to install the data package only before updating the FPS-8.
- Separate installation package is for flash support files are available, and the files can be updated according to this instruction.

Installing the Flash Support Files

Start by double clicking eg***. flash_update_02_10_00.exe.*** Installation begins.

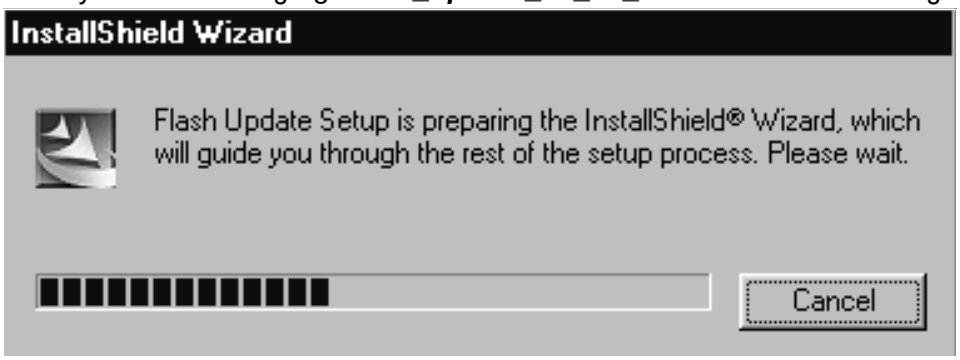
InstallShield Wizard
Flash Update Setup is preparing the InstallShield® Wizard, which will guide you through the rest of the setup process. Please wait.
Cancel

Figure 26: Installation window

If you already have the same Flash Update package files installed, you need to confirm if you want them to be reinstalled.

Uninstall Flash Update
Do you want to completely remove the Flash Update 02.10.000 application and all of its components?
OK
Cancel

Figure 27: Uninstallation window

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Choose “Next” to continue installation

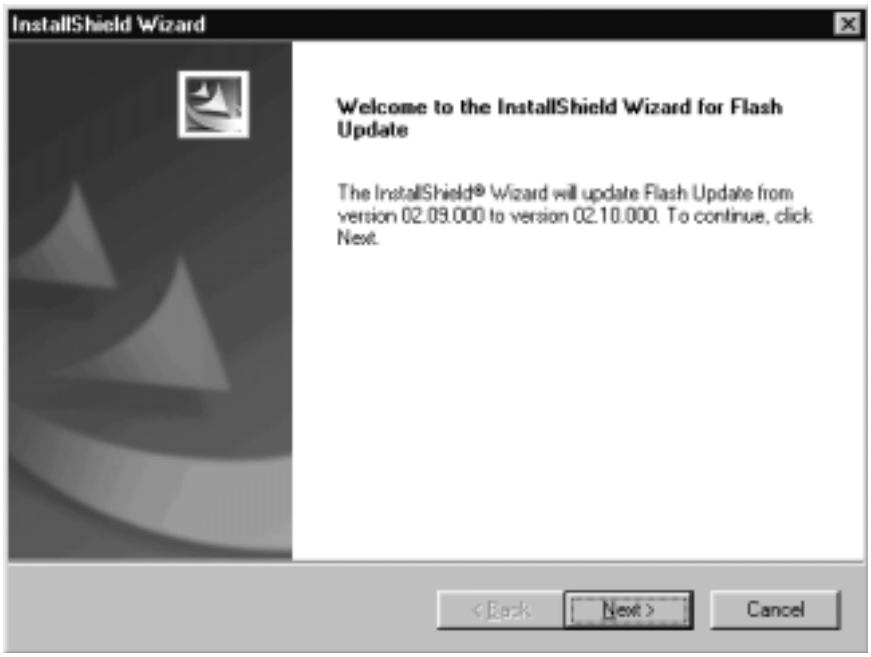
InstallShield Wizard
Welcome to the InstallShield Wizard for Flash Update
The InstallShield® Wizard will update Flash Update from version 02.09.000 to version 02.10.000. To continue, click Next.
< Back
Next >
Cancel

Figure 28: Welcome window

It is highly recommended to install the files to the default destination folder *C:\Program Files\Nokia\Phoenix*.

Choose “Next” to continue. You may choose another location by selecting “Browse” (not recommended).

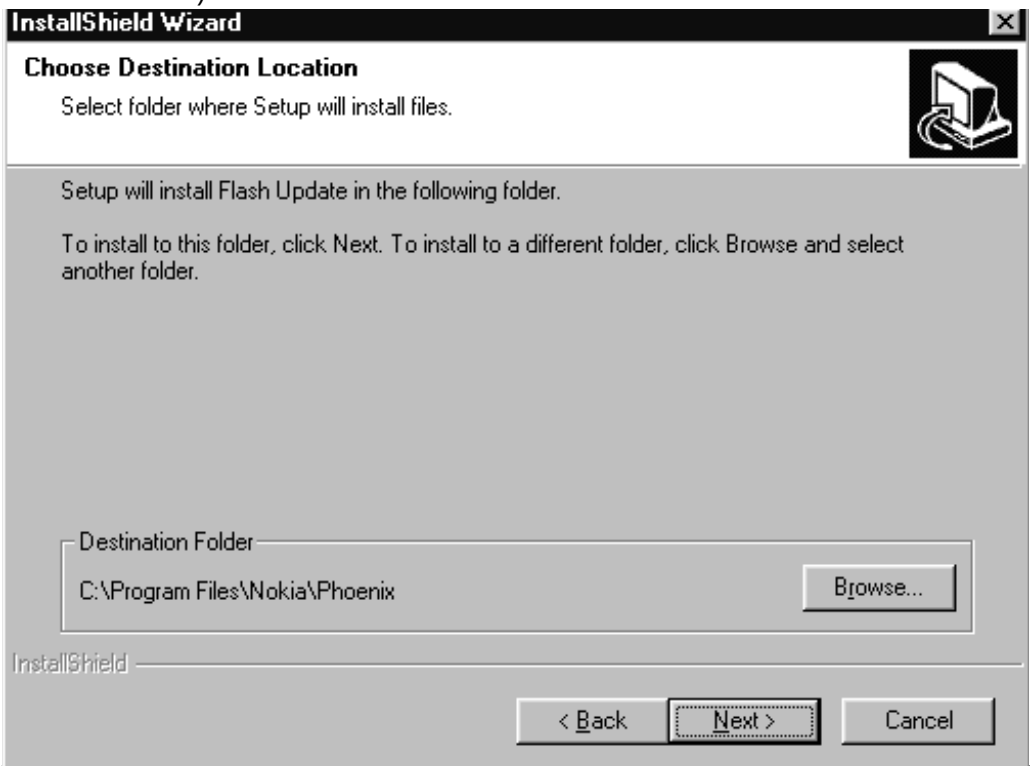
InstallShield Wizard
Choose Destination Location
Select folder where Setup will install files.
Setup will install Flash Update in the following folder.
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
Destination Folder
C:\Program Files\Nokia\Phoenix
Browse...
InstallShield
< Back
Next >
Cancel

Figure 29: File location window

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Installation continues...

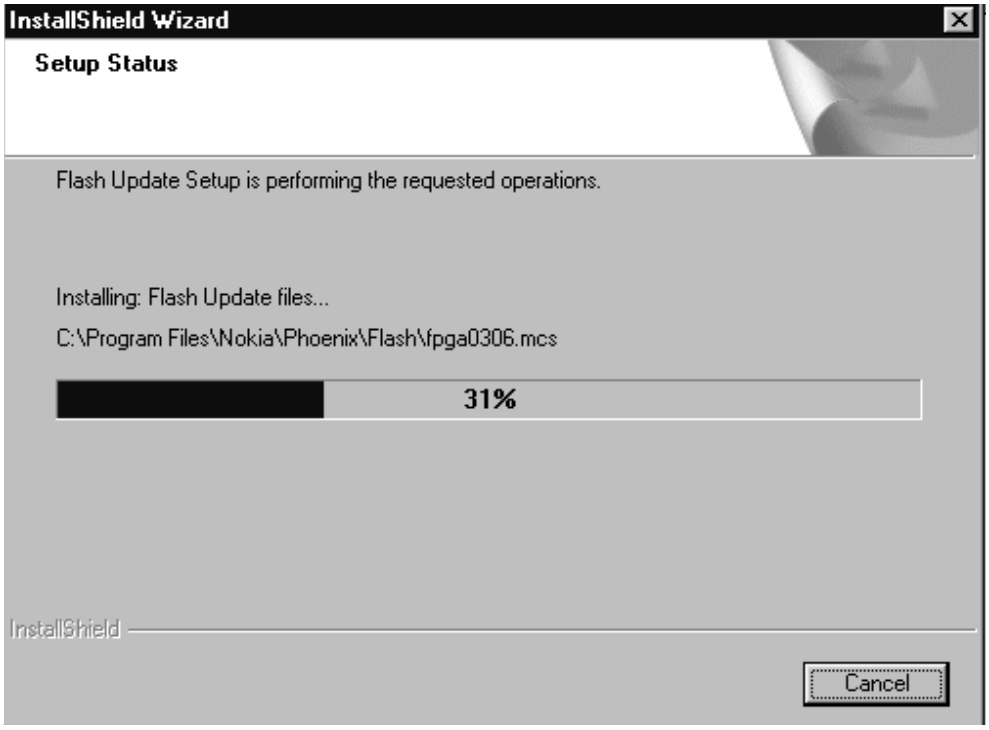

Figure 30: Setup status window

Choose “Finish” to complete procedure.

- **FPS-8* must be updated by using Phoenix!**

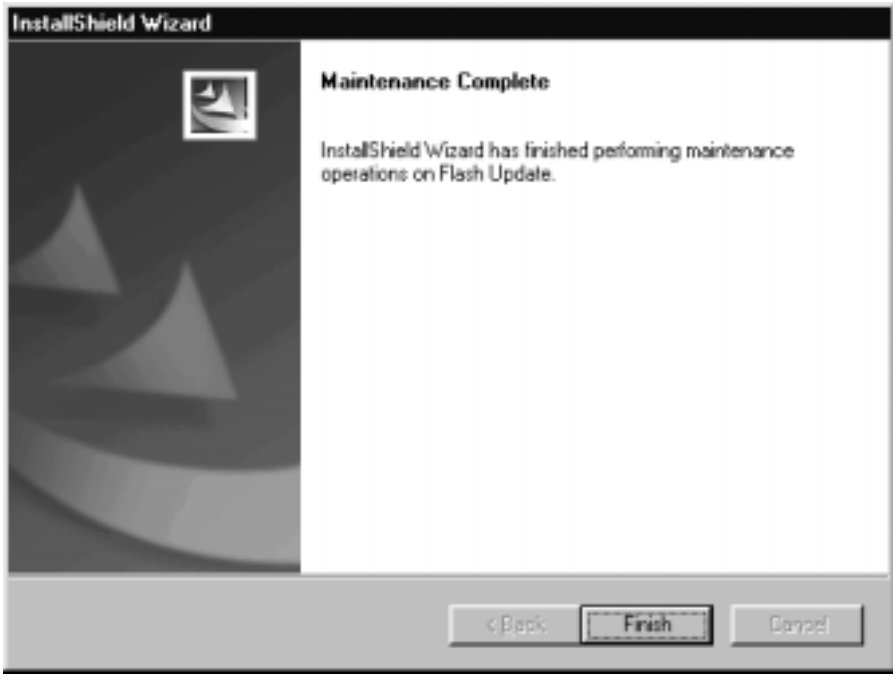

Figure 31: Maintenance complete window

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How to Update The FPS-8* Flash Prommer SW

Start Phoenix Service Software

Select"FPS-8 / FPS-8C maintenance" from"Flashing" menu.

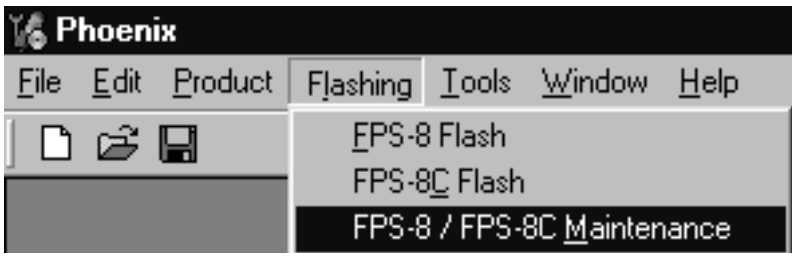

Figure 32: Flashing menu

When new FPS-8 flash update package is installed to computer you will be asked to update the files to your FPS-8 Prommer. Select"Yes" to update files..

Prommer SW Update
There is new prommer software package installed on this computer. Do you want to update prommer?
Version 02.10.000
Do not show this dialog again
Yes
No

Figure 33: Update selection window

Update procedure takes a couple of minutes.

Figure 34: Update in process window

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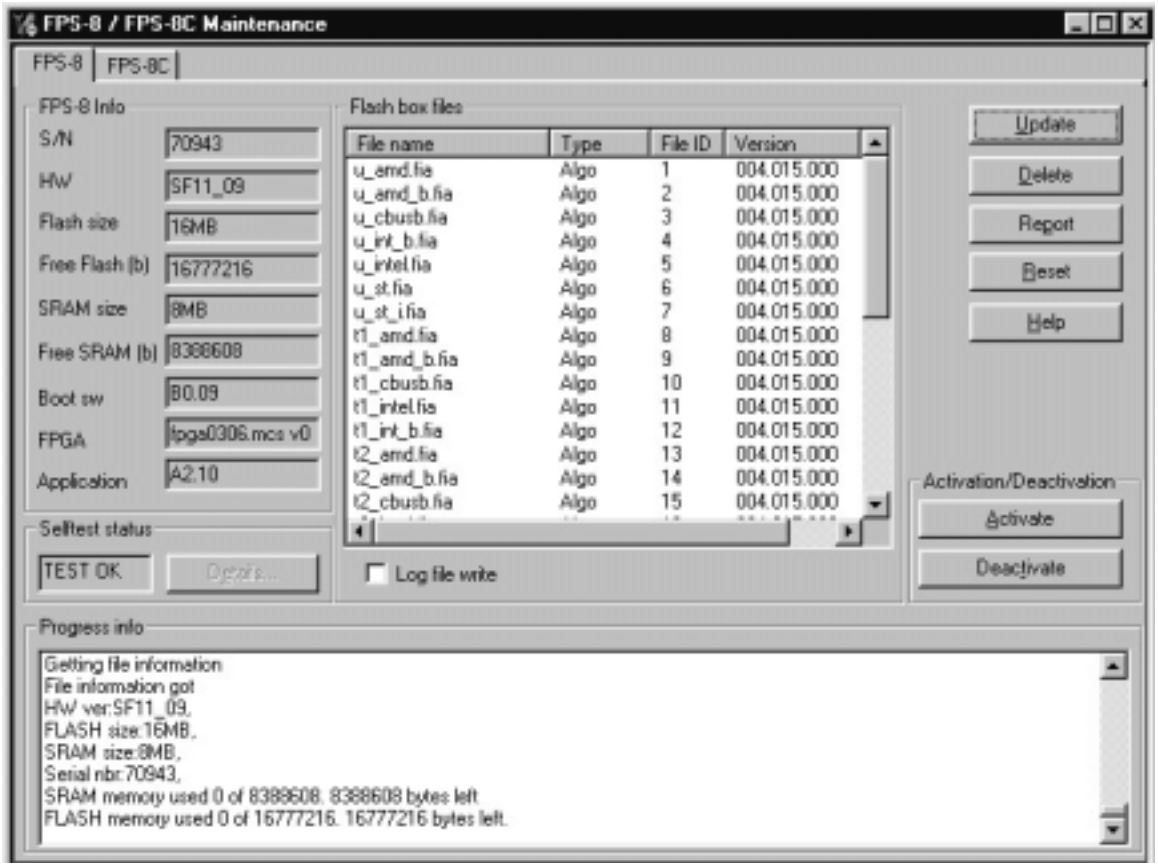

Figure 35: Maintenance window

FPS-8 sw can also be updated by pressing"Update" button and selecting appropriate fps8upd.ini file under *C:\Program Files\Nokia\Phoenix*\Flash - directory.

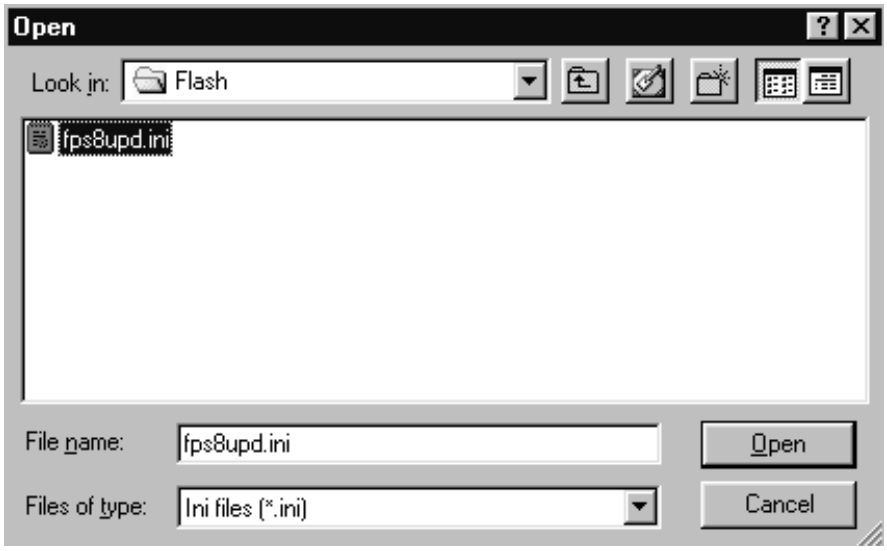

Figure 36: Update file window

All files can be loaded separately to FPS-8. To do this, just press right mouse button in Flash box files" window and select file type to be loaded. More information and help can be found from the "Help" dialog.

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FPS-8 Activation and Deactivation

- Before the FPS-8 can be successfully used for phone programming, it must be first activated.
- If there is a need to send FPS-8 box to somewhere e.g. for repair, box must be first deactivated.

Activation

Before FPS-8 can be successfully used for phone programming, it must be first activated.

Fill in first “FPS-8 activation request” sheet, in the FPS-8 sales package and follow the instructions in the sheet.

When activation file is received (e.g. 00000.in), copy it to ***C:\Program-Files\Nokia\Phoenix\BoxActivation -*** Directory on your computer (This directory is created when Phoenix is installed).

Start Phoenix Service Software.

Select ”FPS-8 / FPS-8C maintenance” from ”Flashing” menu.

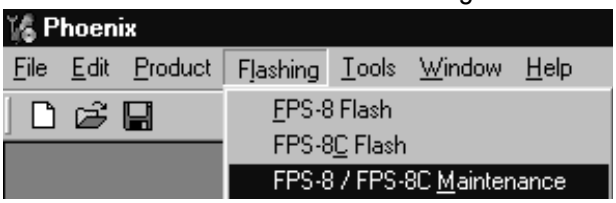

Figure 37: Flashing menu

Select “Activate” from the “FPS8/8C Maintenance” – UI.

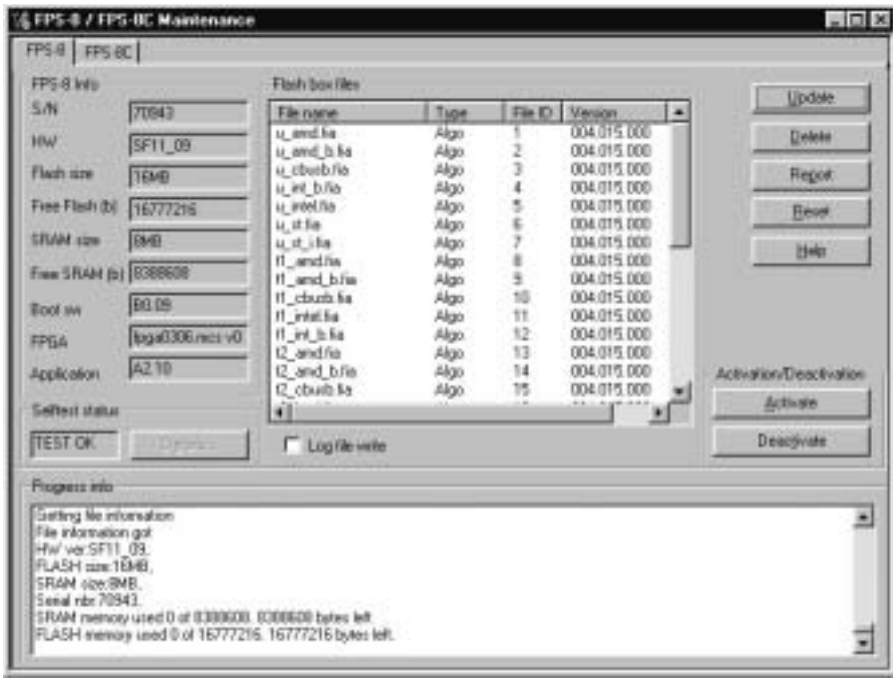

Figure 38: FPS-8/8C maintenance window

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The activation file you saved to *C:\ProgramFiles\Nokia\Phoenix\BoxActivation* - directory will be shown (e.g. 00000.in), check that it is correct.

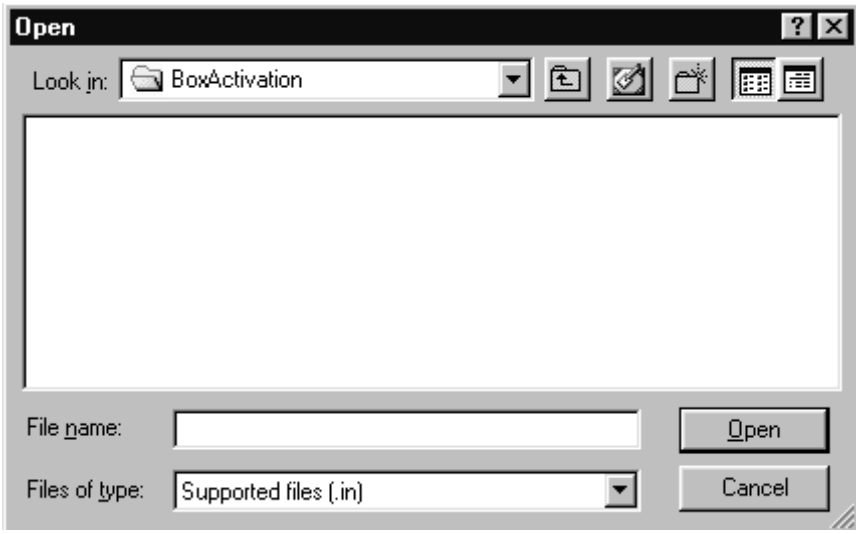

Figure 39: Box activation window

Box will be activated when you choose “Open”

Turn FPS-8 power off and on to complete activation

Deactivation

Start Phoenix Service Software.

Select ”FPS-8 / FPS-8C maintenance” from ”Flashing” menu

Select “Deactivate” from the “FPS8/8C Maintenance” – UI.

Confirm Deactivation by choosing “Yes”, Box will be deactivated.

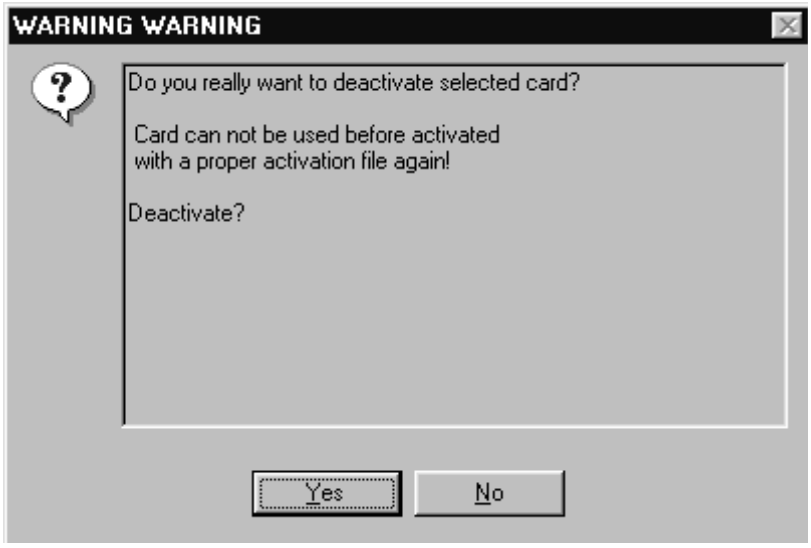

Figure 40: Box deactivation window

Turn FPS-8 power off and on to complete deactivation

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JBV-1 Docking Station SW

The JBV-1 Docking Station is a common tool for all DCT-4 generation products. In order to make the JBV-1 usable with different phone models, a phone specific Docking Station Adapter is used for different service functions.

The JBV-1 Docking Station contains Software (Firmware) which can be updated.

You need the following equipment to be able to update JBV-1 software:

- PC with USB connection
- Operating System supporting USB (Not Win 95 or NT)
- USB Cable (Can be purchased from shops or suppliers providing PC hardware and accessories)
- JBV-1 Docking Station
- External Power Supply 11-16V

Before Installation

- Download *Jbv1_update.zip* – file to your computer (e.g. C:\TEMP) from your download web site.
- Close all other programs
- Follow instructions on the screen

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Installing SW Needed for the JBV-1 SW Update

Note: DO NOT CONNECT THE USB CABLE / JBV-1 TO YOUR COMPUTER YET!

Run *Jbv1_update.zip* file and start SW Installation by double clicking *Setup.exe*.

Files needed for JBV-1 Package setup Program will be extracted.

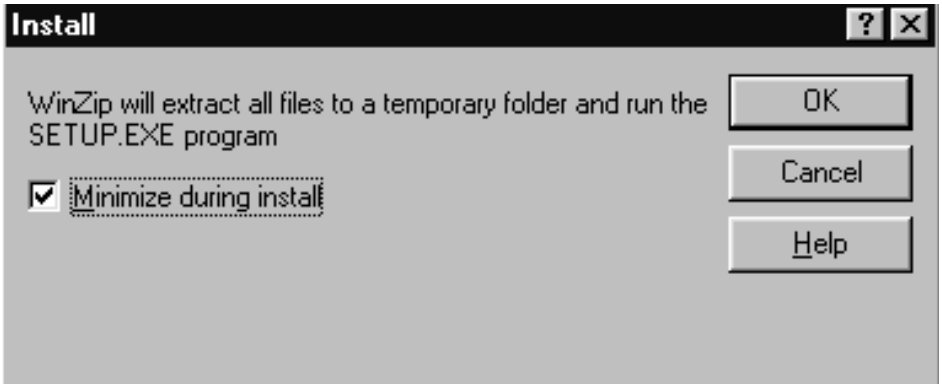

Figure 41: JBV-1 update installation window

Installation begins, please read the information shown and Choose “Next” to continue.

Welcome
Welcome to the JBV-1 SW Package Setup program. This program will install JBV-1 SW Package on your computer.
It is strongly recommended that you exit all Windows programs before running this Setup program.
Click Cancel to quit Setup and then close any programs you have running. Click Next to continue with the Setup program.
WARNING: This program is protected by copyright law and international treaties.
Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
InstallShield
Next >
Cancel

Figure 42: Welcome window

Use suggested destination folder where JBV-1 SW Package will be installed and choose

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"Next" to continue.

Choose Destination Location
Setup will install JBV-1 SW Package in the following folder.
To install to this folder, click Next.
To install to a different folder, click Browse and select another folder.
You can choose not to install JBV-1 SW Package by clicking Cancel to exit Setup.
Destination Folder
C:\...\Nokia\JBV-1 SW Package
Browse...
< Back
Next >
Cancel
InstallShield

Figure 43: Select location window

Select "Full" Installation and choose "Next" to continue

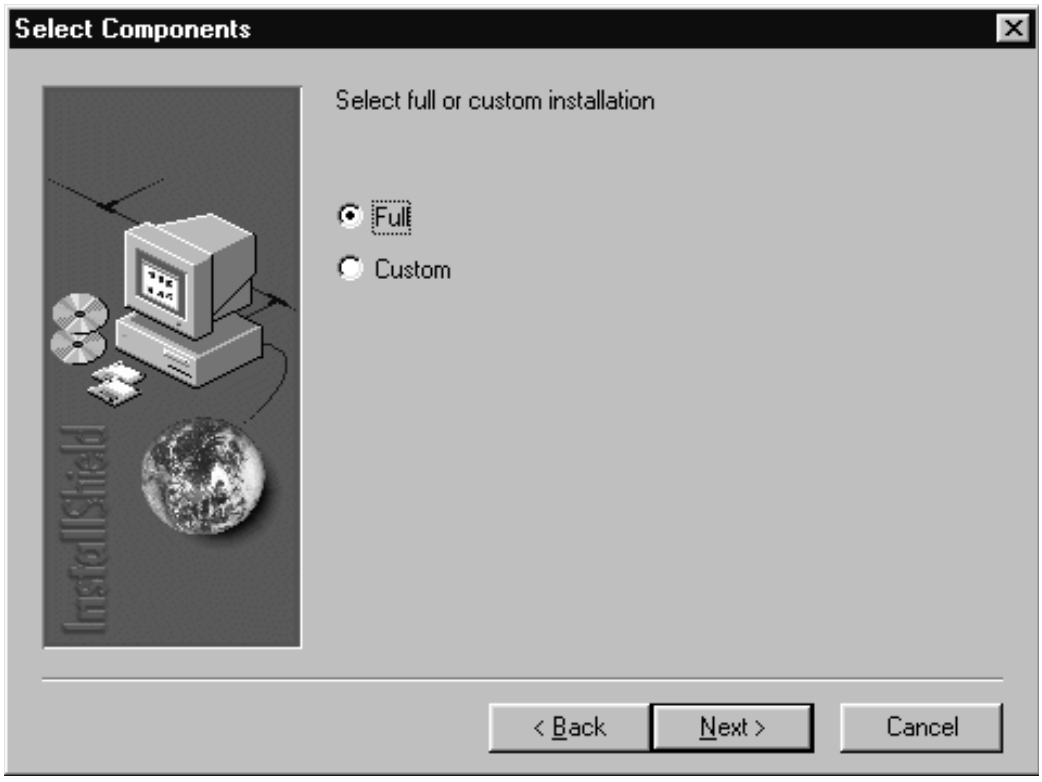

Figure 44: Select components window

Program Folder will be created. Choose "Next" to continue, Software files will be

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installed.

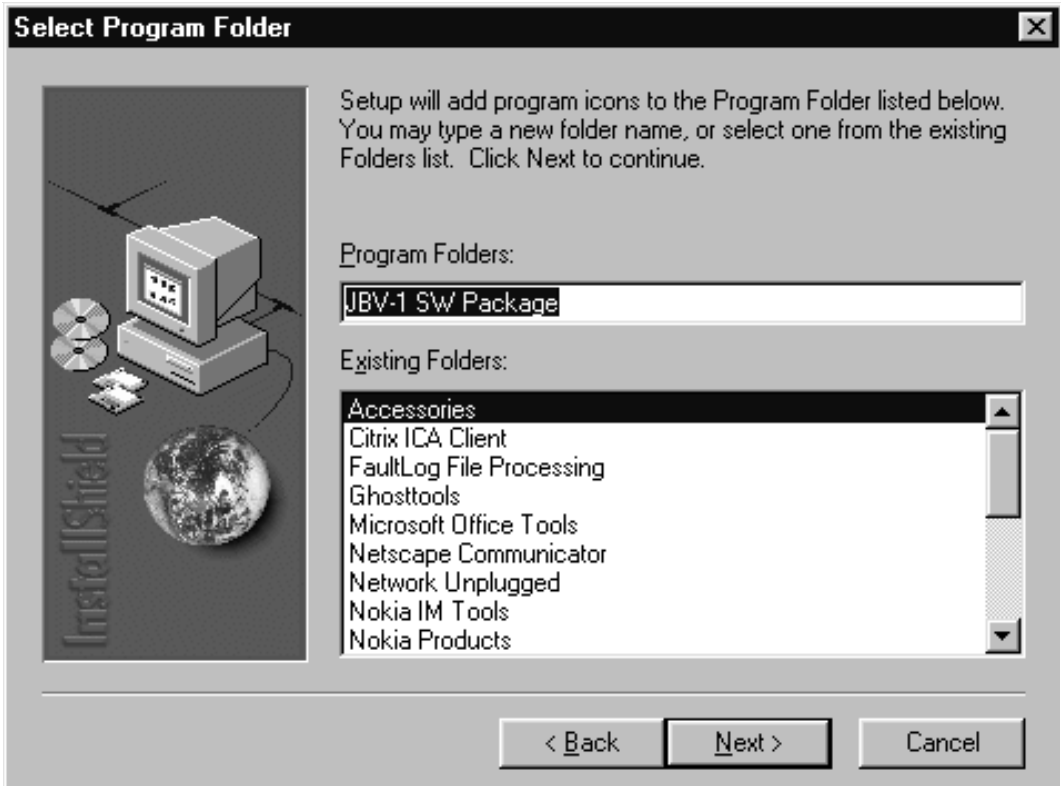

Figure 45: Select folder window

After successful installation, choose “Finish” to complete.

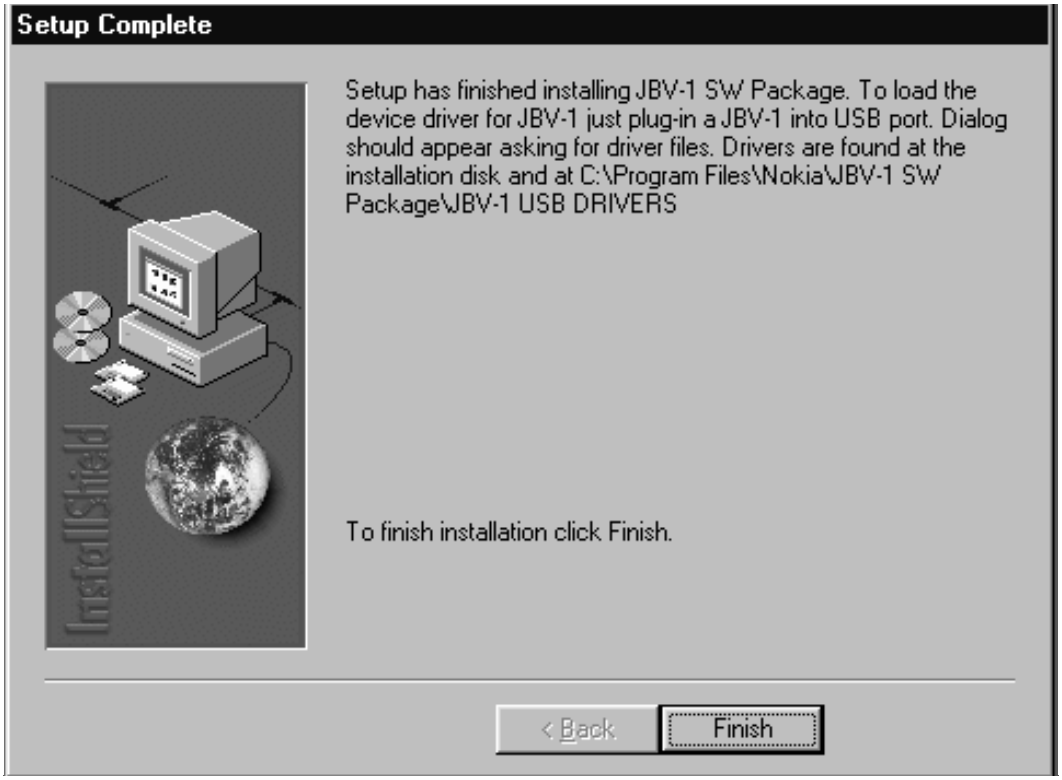
Setup Complete
Setup has finished installing JBV-1 SW Package. To load the device driver for JBV-1 just plug-in a JBV-1 into USB port. Dialog should appear asking for driver files. Drivers are found at the installation disk and at C:\Program Files\Nokia\JBV-1 SW Package\JBV-1 USB DRIVERS
To finish installation click Finish.
InstallShield
< Back
Finish

Figure 46: Setup complete window

NOW YOU CAN CONNECT THE USB CABLE / JBV-1 TO YOUR COM-

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PUTER!

Connect power to JBV-1 (11-16V DC) from external power supply, then connect USB Cable between JBV-1 USB connector and PC.

Windows will detect connected USB cable and detect drivers for new HW.

Follow the instructions and allow Windows to search and install the best drivers available. After this procedure the actual JBV-1 SW update can begin.

Add New Hardware Wizard
This wizard searches for new drivers for:
USB Device
A device driver is a software program that makes a hardware device work.
< Back
Next >
Cancel

Figure 47: Add new hardware window

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Updating the JBV-1 Docking Station Software

Go to folder *C:\Program Files\Nokia\ JBV-1 SW Package\ FIRMWARE UPDATE* and start JBV-1 Update SW by double clicking *fwup.exe.*

JBV-1 Firmware update starts and shows current status of the JBV-1 connected.

If firmware version read from your JBV-1 is not the latest one available, it needs to be updated by choosing “Update Firmware”.

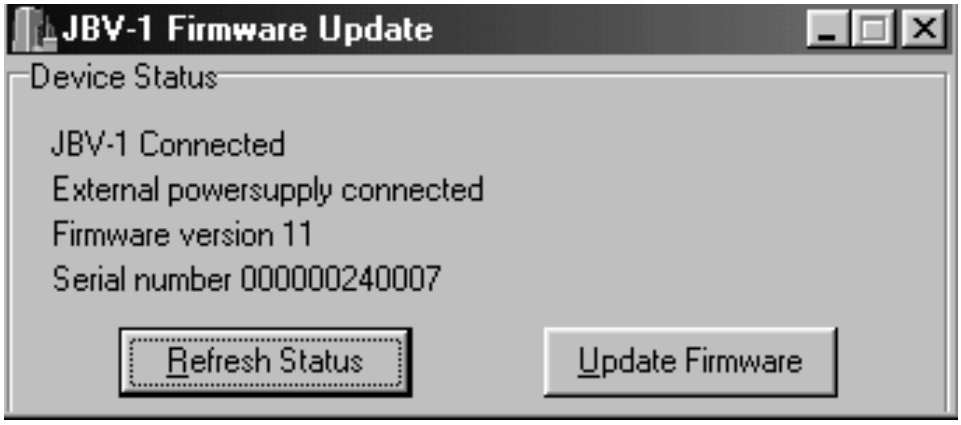

Figure 48: JBV-1 update window

Choose file *JBV1v11.CDE* (example used here is for v 11) and “Open” to update your JBV-1.

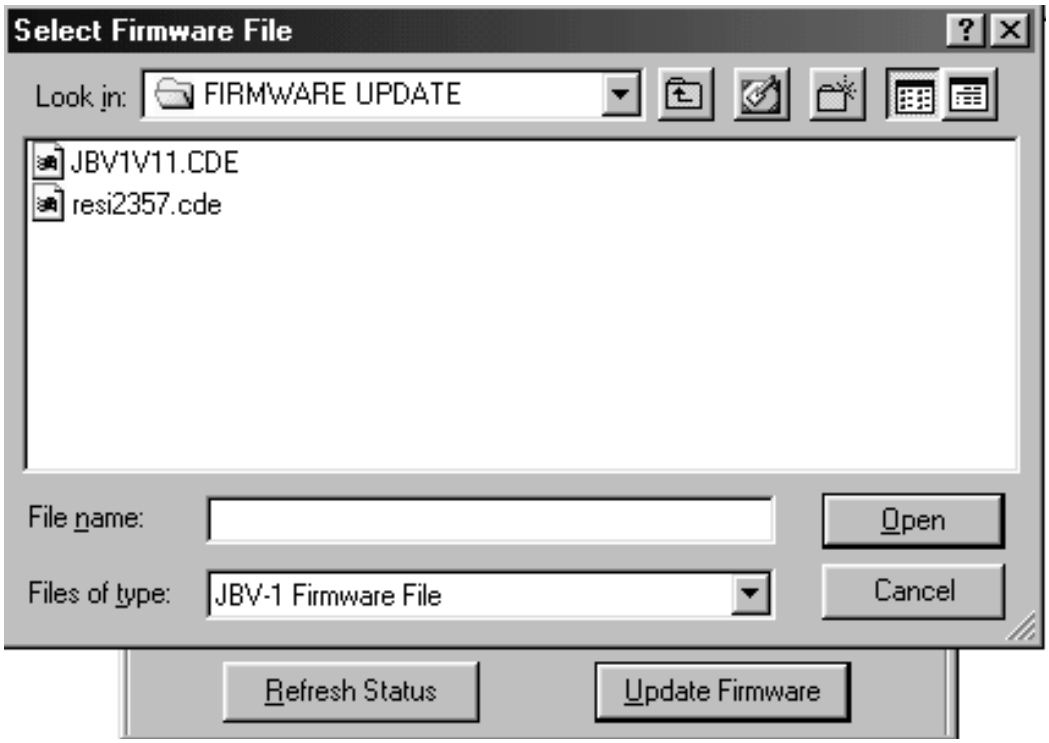

Figure 49: Firmware file selection

After Successful update, current JBV-1 status will be shown. You have now updated the software of your JBV-1 docking station and it is ready for use.

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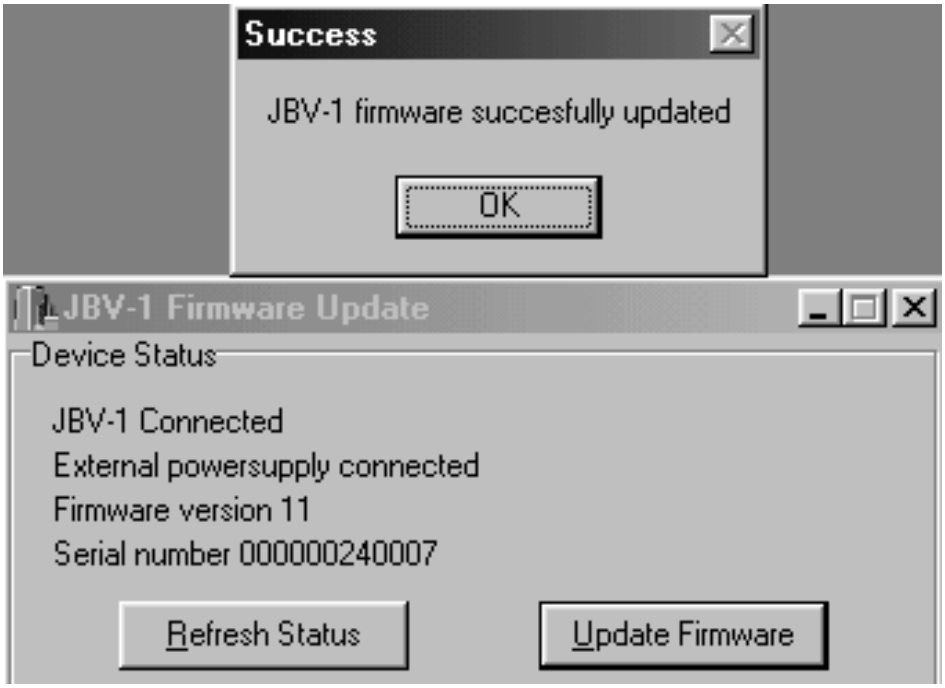

Figure 50: Update completed window

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TME-3 specific menus in Phoenix

TME-3 specific menus in Phoenix are listed below

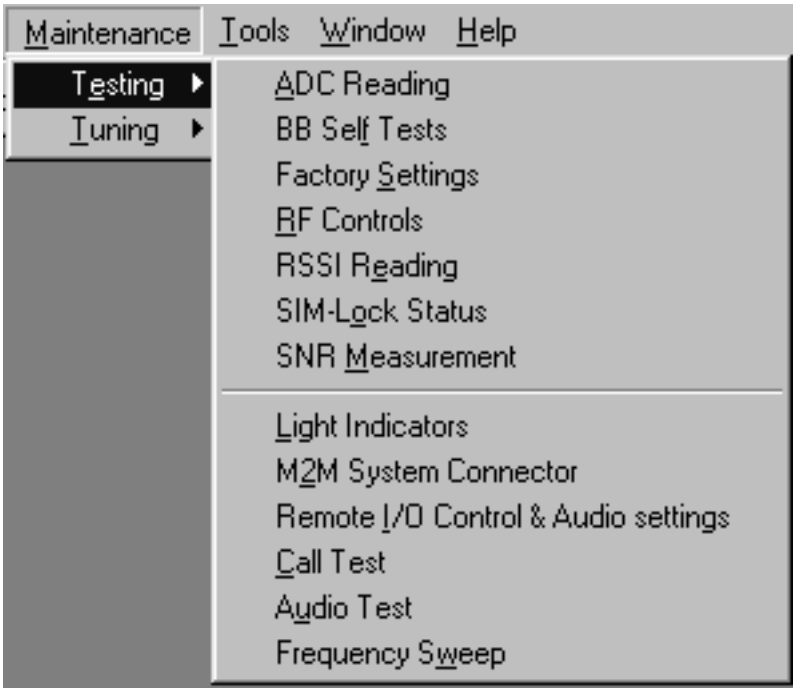

Figure 51: TME-3 Specific menus

Service Box (SB-1) for testing of M2M system connector uses following menus:

- M2M System Connector
- Remote I/O Control & Audio settings

Note: the three menu items at the bottom of the window are not in use !

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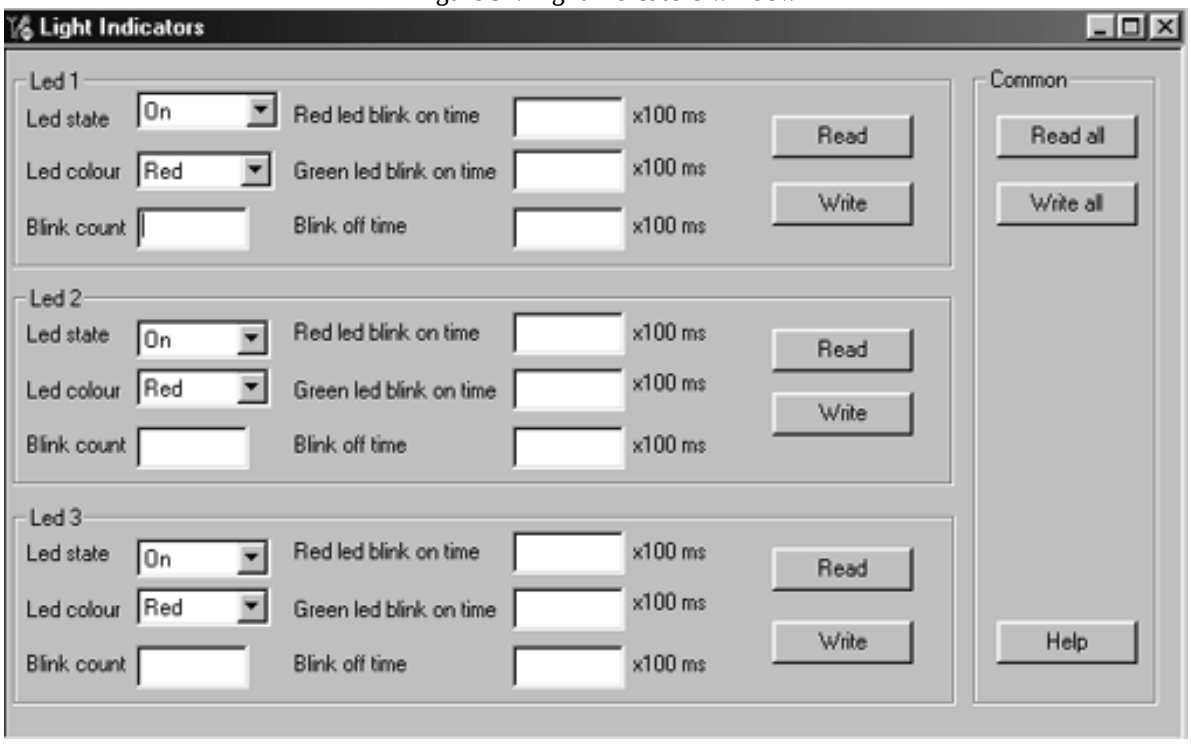
Light Indicators

Main functionality

- Led groups (Led 1, Led 2, Led 3) data can be read from product by pressing "Read" button on the group
- Led groups (Led 1, Led 2, Led 3) data can be write to product by pressing "Write" button on the group
- All Led data can be headed to product at once by pressing "Read All" button on Common group
- All Led data can be written from product at once by pressing "Write All" button on Common group
- "Help" button open Help file

The following screenshot shows the visual part of Light Indicators.

Figure 52: Light indicators window



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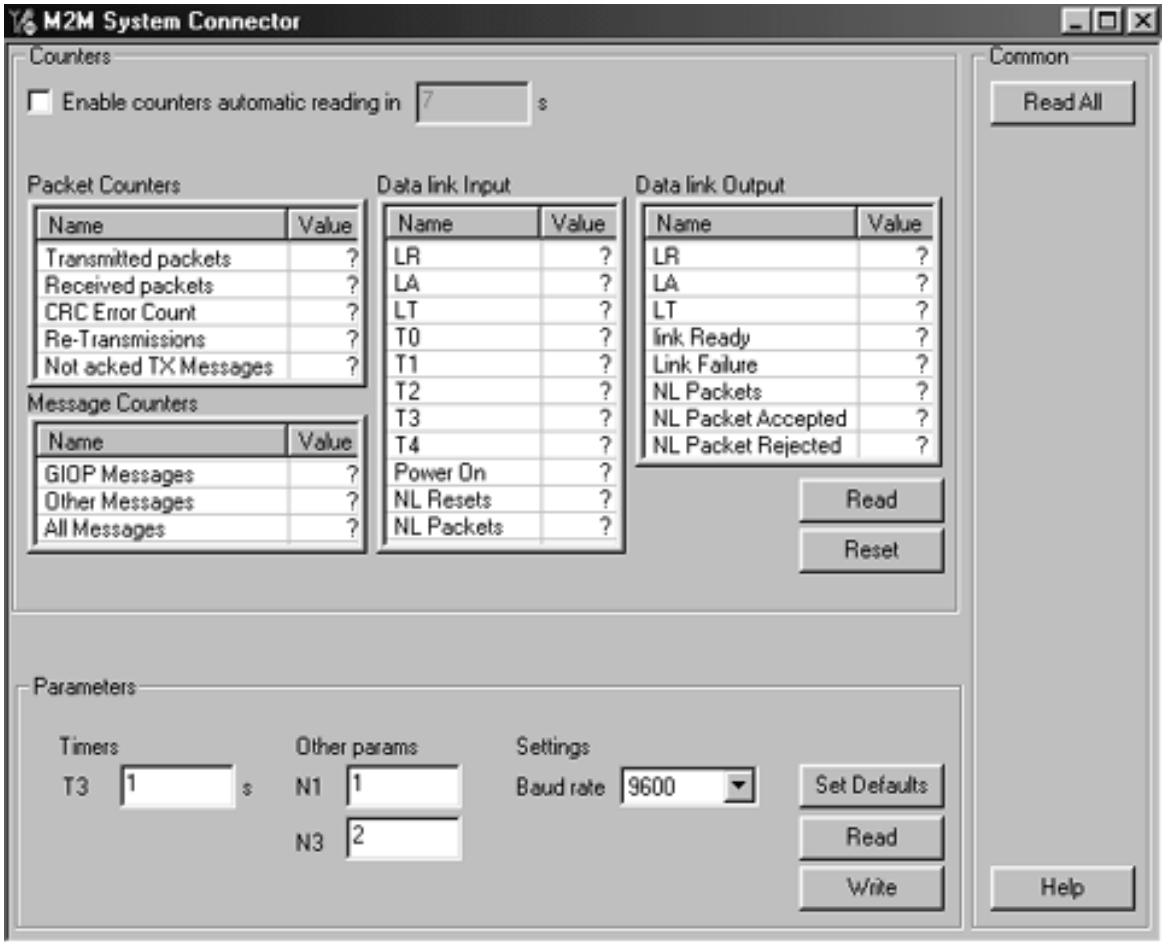
M2M System Connector

Main functionality

- Parameters group data can be read by pressing "Read" button
- Parameters group data can be write by pressing "Write" button
- Counters group data can be read by pressing "Read" button
- Counters can be resetted by pressing "Reset" button.
- "Automatic reading time" edit box identifies automatic counters reading time.
- All data on the control can be read by pressing "Read All" button
- All data on the control can be write by pressing "Write All" button
- Default values can be set to all controls by pressing "Set Defaults" button
- "Help" button open Help file

The following screenshot shows the visual part of M2M System Connector.

Figure 53: M2M connector



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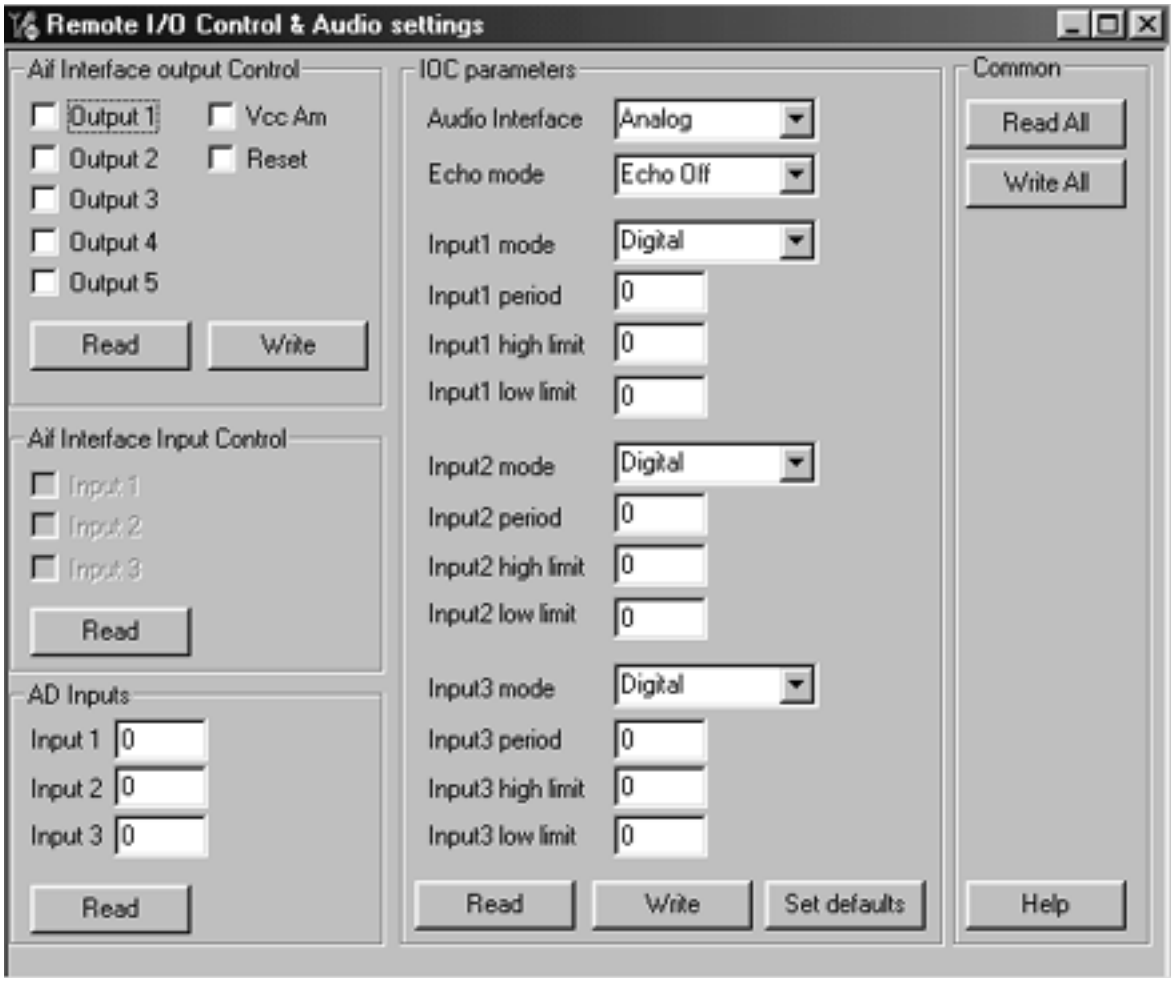
Remote I/O Control & Audio settings

Main functionality

- Aif interface output control group data can be read from product by pressing "Read" button on the group
- Aif interface input control group data can be read from product by pressing "Read" button on the group
- "Help" button open Help file

The following screenshot shows the visual part of Remote I/O control & Audio settings.

Figure 54: Remote I/O control & Audio settings



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Hardware setup instructions

Flash Concept

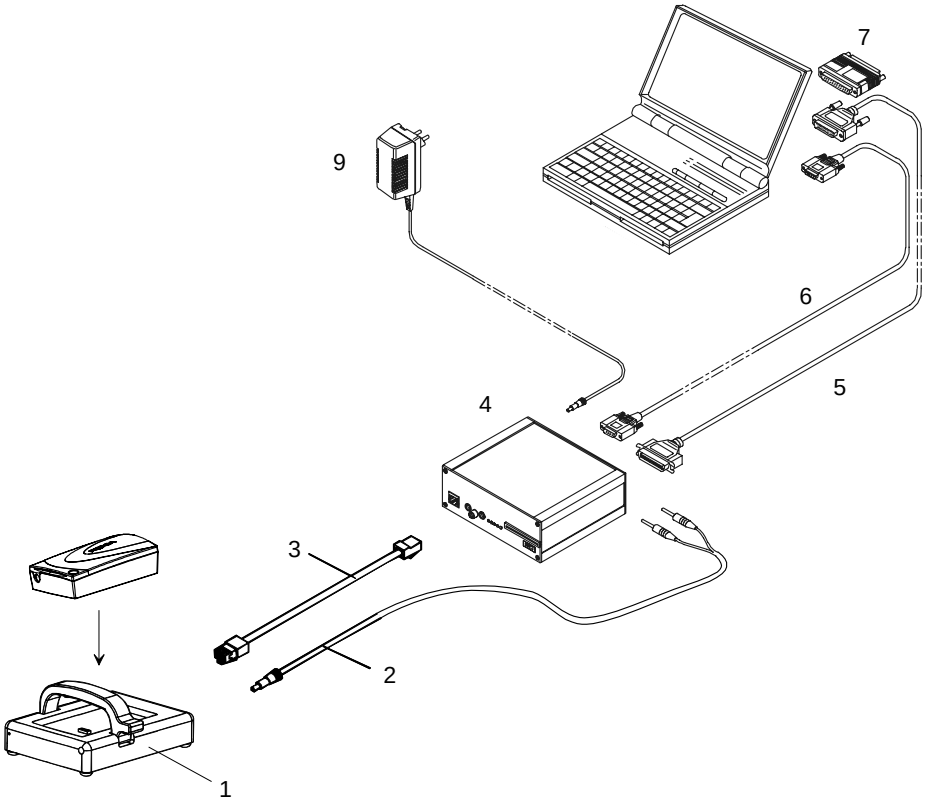

Figure 55: Flash concept

Flash Concept list

Item	Service Accessory	Type	Product code:
1.	Flashing adapter	FLA-34	0770375
2.	Power cable	PCS-1	0730012
3.	Serial cable	XCS-4	0730178
4.	Flash prommer box	FPS–8	0080321
5.	Printer cable	incl. in FPS–8 sales pack	0730029
6.	D9 – D9 cable,	AXS–4 incl. in FPS–8 sales pack	0730090
7.	Software protection key	PKD–1	0750018
8.	CD–ROM	Phoenix Service SW	Downloadable from PWS
	CD–ROM	TME-3 Flash SW data	Downloadable from PWS
9.	Power supply	ACF-8 incl. in FPS–8 sales pack	0680032
	DCT3 power supply module	ACS-10	0770340

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Point of sale (POS) flashing concept

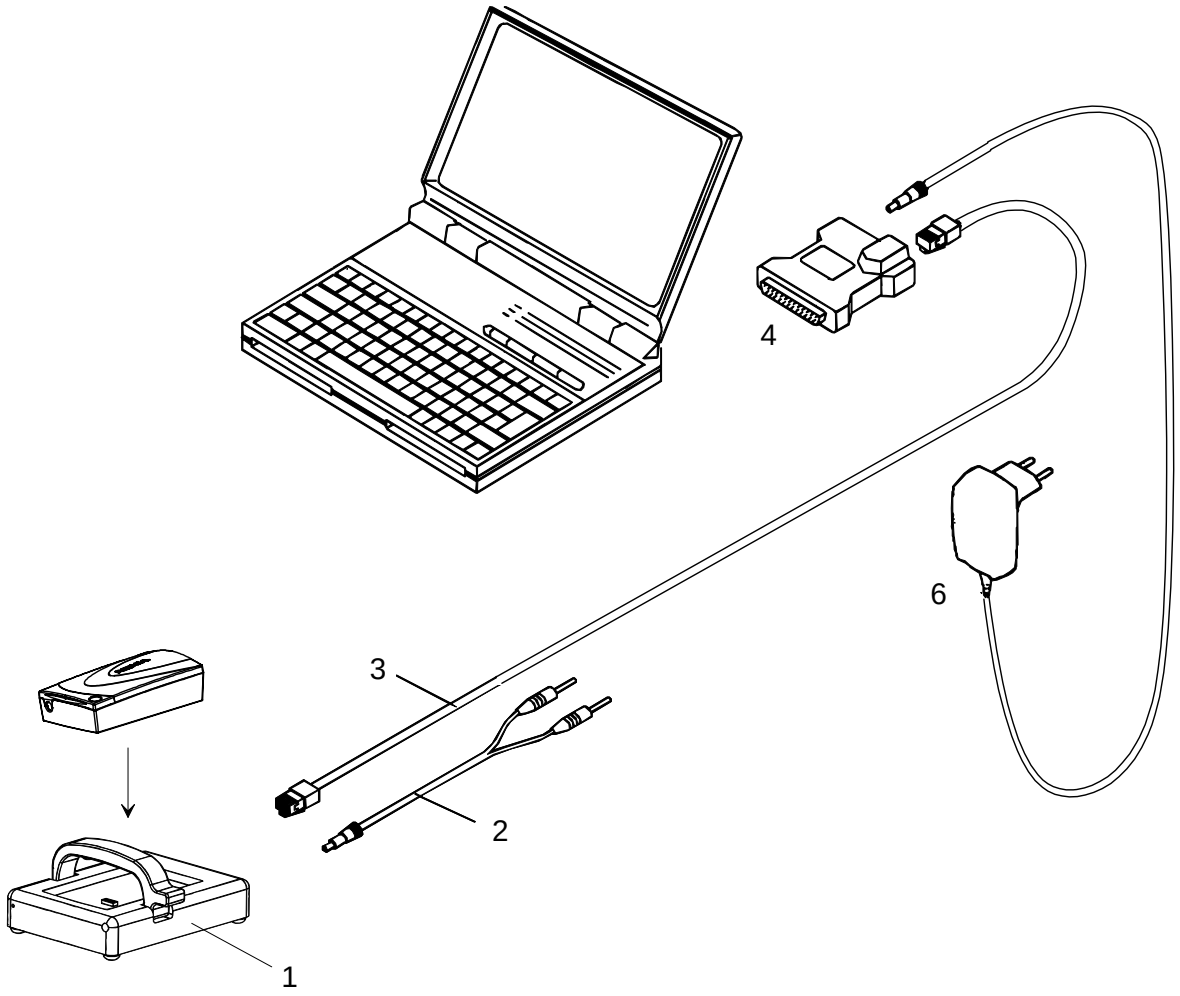

Figure 56: POS (Point Of Sale) flashing concept

Item	Service Accessory	Type	Product Code:
1.	Flashing Adapter	FLA-34	0770375
2.	Power cable	PCS-1	0730012
3.	Serial cable	XCS-4	0730178
4.	Americas sales package	FLS-4S	0080543
	E&A sales package	FLS-4S	0080541
	APAC sales package	FLS-4S	0080542
5.	CD-ROM	TME-3 Flash Sw Data	Downloadable from PWS
	CD-ROM	Phoenix Service SW	Downloadable from PWS
6	Power supply	ACF-8	0680032

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Jig Concept

The jig concept can be used for RF tuning and testing.

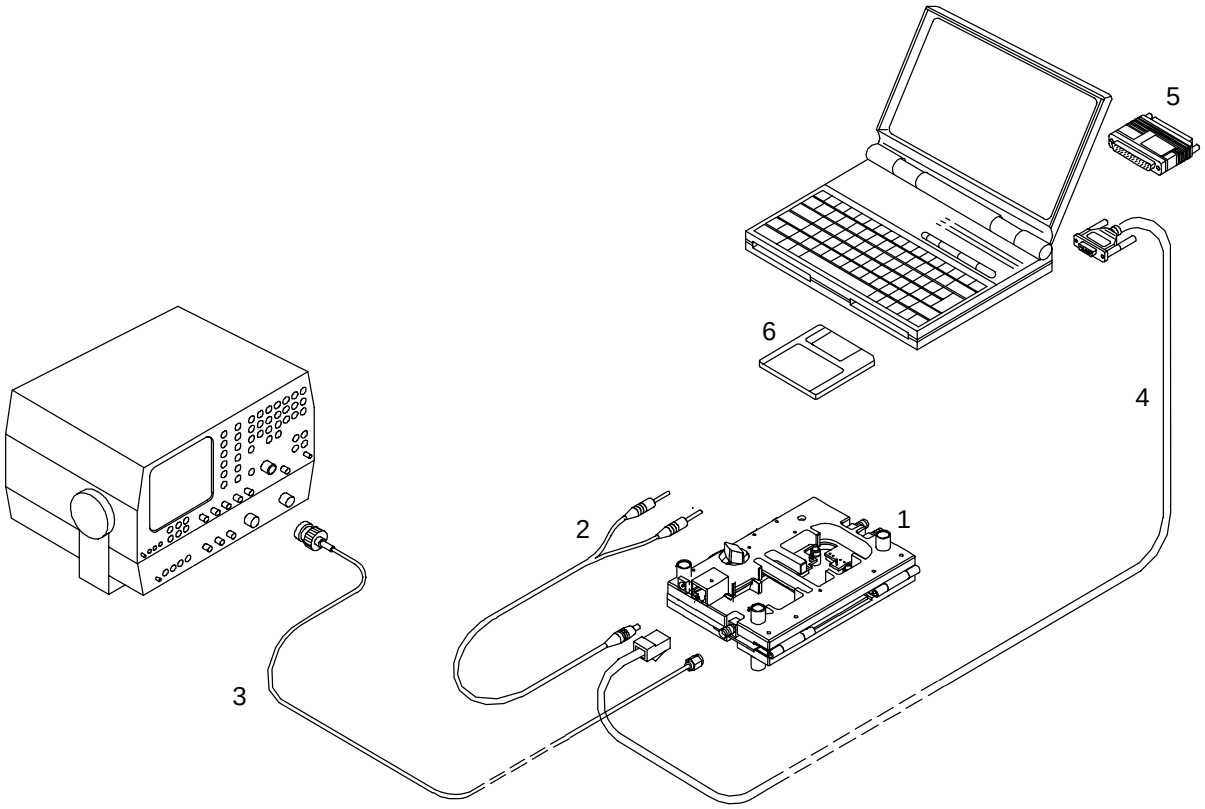

Figure 57: Jig concept

Jig concept list

Item	Service accessory:	Type	Product code:
1.	Module Jig	MJS-63	0770377
2.	Power cable (for external power supply)	PCS-1	0730012
3.	Service cable	XRC-5	0730276
4.	Cable	DAU-9S	0730108
5.	Software protection key	PKD–1	0750018
6.	CD-ROM	TME-3 Flash Sw Data	0775321
	CD-ROM	Phoenix Service SW	0774280

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JBV-1 Flash Concept

JBV-1 concept can be used for RF tuning and testing.

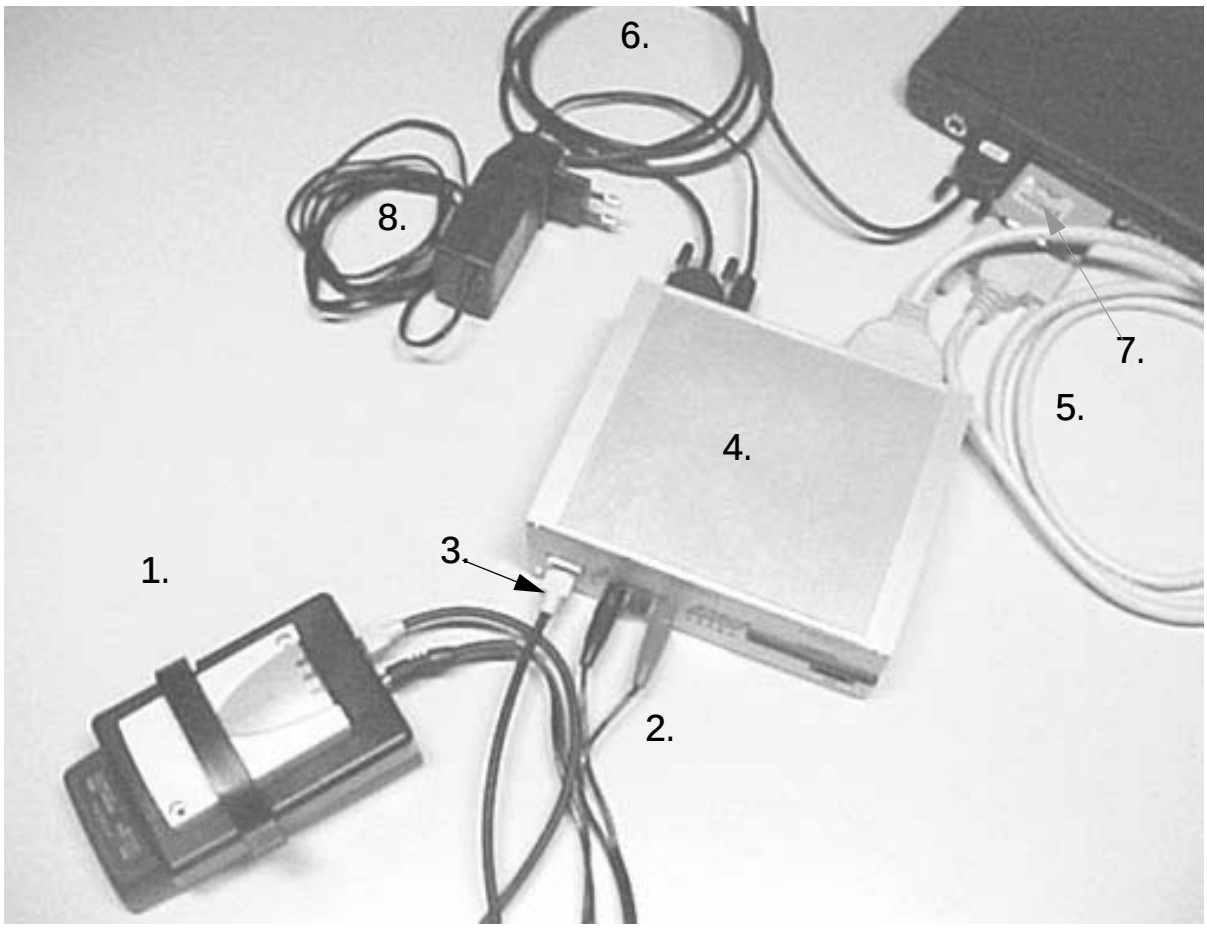

Figure 58: JBV-1 Flash concept

Item:	Service accessory:	Type	Product code:
1	Docking station	JBV–1	0770298
	Docking station adapter	MJF–21	0770374
2	Power cable	PCS-1	0730012
3	Modular cable	XCS–4	0730178
4	Flash prommer box	FPS–8	0080321
5	Printer cable, incl. in FPS–8 sales pack	Printer cable,	0730029
6	D9 – D9 cable, incl. in FPS–8 sales pack	AXS–4	0730090
7	Software protection key	PKD–1	0750018
8.	Power supply incl. in FPS–8 sales pack	ACF-8	0680032
	CD-ROM	TME-3 Flash Sw Data	0775321
	CD-ROM	Phoenix Service SW	0774280

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JBV-1 Service Concept

JBV-1 jig concept can be used for RF tuning and testing

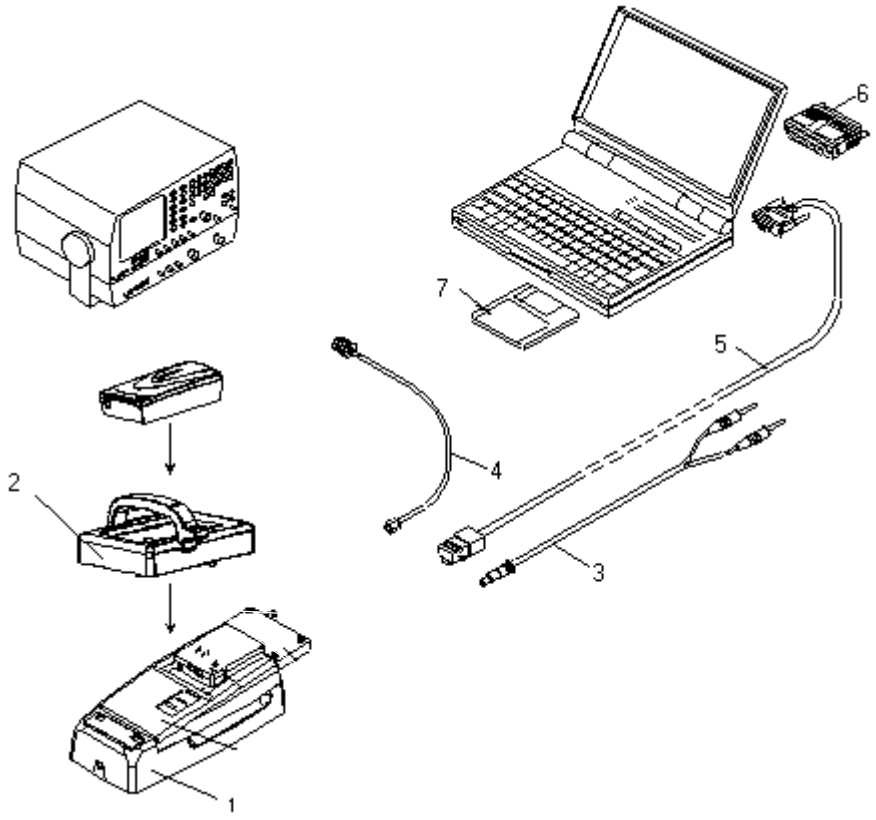

Figure 59: JBV-1 Service Concept

JBV-1 concept list

Item:	Service accessory:	Type:	Product code:
1.	Docking station	JBV–1	0770298
2.	Docking station adapter	MJF–21	0770374
3.	Power cable	PCS-1 (for external power supply)	0730012
4.	Service cable	XRC-5	0730276
5.	Cable	DAU-9S	0730108
6.	Software protection key	PKD–1	0750018
7.	CD–ROM	Phoenix Service SW	0774280
	CD–ROM	TME-3 Flash SW data	0775321

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Service Box SB-1 set-up

Figure 60: SB-1 set-up

SB-1 concept list

Item:	Service accessory:	Type:	Product code:
1.	Service box	SB-1	0770559
2.	Power cable	PCS-1	0730012
3.	D9-D9 cable	AXS-4	0730090
4.	Software protection key	PKD-1	0750018
5.	CD-ROM	Phoenix service SW	0774280

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